

M01_01A (M031346A): Number / Applying
Label: Trading Cards_Cartoon cards - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	581	69.1	28.5	1.2	1.1	69.1	64.9	73.8
	2011	881	66.5	31.5	1.7	0.3	66.5	62.5	70.3
Austria	2007	690	74.4	24.8	0.7	0.2	74.4	69.3	78.3
	2011	674	74.3	25.2	0.5	0.0	74.3	72.8	75.8
Chinese Taipei	2007	594	85.9	13.1	1.0	0.0	85.9	85.0	86.6
	2011	611	84.3	15.5	0.2	0.0	84.3	79.9	88.4
Czech Republic	2007	588	62.6	32.8	4.4	0.3	62.6	50.8	74.2
	2011	651	75.2	22.9	1.9	0.0	75.2	67.5	83.5
Denmark	2007	505	77.7	20.2	1.3	0.8	77.7	77.5	77.9
	2011	576	82.2	16.4	1.2	0.1	82.2	80.5	84.0
England	2007	632	76.1	22.0	1.9	0.0	76.1	72.4	79.5
	2011	483	73.8	25.8	0.3	0.0	73.8	69.2	77.9
Georgia	2007	589	43.9	41.6	11.8	2.7	43.9	39.9	47.8
	2011	676	58.8	38.4	2.6	0.2	58.8	60.0	57.6
Germany	2007	736	79.0	19.4	1.4	0.2	79.0	72.8	85.0
	2011	566	76.5	23.1	0.3	0.0	76.5	72.1	80.9
Hong Kong SAR	2007	541	87.3	12.3	0.4	0.0	87.3	86.9	87.6
	2011	555	88.3	11.5	0.2	0.0	88.3	87.0	89.5
Hungary	2007	586	57.8	41.4	0.5	0.3	57.8	55.8	59.9
	2011	741	65.4	32.7	1.6	0.3	65.4	62.6	68.6
Iran, Islamic Rep. of	2007	536	29.5	57.6	12.5	0.5	29.5	27.1	32.0
	2011	821	39.4	56.1	3.8	0.6	39.4	35.7	43.0
Italy	2007	641	64.6	32.8	2.4	0.1	64.6	60.0	69.2
	2011	597	64.6	34.5	0.5	0.3	64.6	57.9	72.2
Japan	2007	638	78.1	21.5	0.5	0.0	78.1	75.9	80.3
	2011	626	79.3	20.6	0.0	0.2	79.3	79.0	79.6
Kuwait	2007	520	11.1	68.1	18.2	2.6	11.1	12.8	9.1
	2011	583	13.8	75.4	9.9	0.8	13.8	12.7	15.1
Lithuania	2007	571	78.5	20.2	1.3	0.0	78.5	76.6	80.5
	2011	670	81.6	17.2	1.2	0.0	81.6	83.6	79.8
Netherlands	2007	481	78.1	21.5	0.0	0.4	78.1	73.1	82.8
	2011	457	77.2	22.6	0.2	0.0	77.2	71.8	82.7
New Zealand	2007	720	64.2	35.1	0.4	0.3	64.2	62.3	66.1
	2011	785	61.8	37.4	0.8	0.0	61.8	59.9	63.5
Norway	2007	588	60.7	36.2	2.3	0.8	60.7	54.1	68.3
	2011	461	65.6	33.1	1.3	0.0	65.6	61.1	70.6
Russian Federation	2007	644	81.4	17.1	1.5	0.0	81.4	82.4	80.4
	2011	630	82.3	17.6	0.1	0.0	82.3	80.4	84.1
Singapore	2007	714	84.1	15.9	0.0	0.0	84.1	85.1	83.2
	2011	906	85.9	13.8	0.3	0.0	85.9	85.7	86.2
Slovak Republic	2007	714	66.0	32.2	1.8	0.0	66.0	63.4	68.5
	2011	816	72.0	26.4	1.3	0.3	72.0	69.9	74.2
Slovenia	2007	622	61.5	35.6	2.9	0.0	61.5	62.1	61.0
	2011	642	68.0	30.3	1.5	0.2	68.0	60.1	74.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

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Label: Trading Cards_Cartoon cards - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	662	75.7	23.4	0.7	0.2	75.7	72.0	79.6
	2011	666	77.3	21.9	0.7	0.0	77.3	72.8	81.7
Tunisia	2007	590	22.2	64.8	11.0	2.0	22.2	22.4	21.9
	2011	690	31.0	62.8	5.3	1.0	31.0	29.5	32.5
United States	2007	1132	72.3	26.7	0.7	0.2	72.3	67.6	77.0
	2011	1790	71.5	28.1	0.4	0.0	71.5	67.9	75.2

International Avg. (25)	2007	15815	65.7	30.6	3.2	0.5	65.7	62.9	68.4
	2011	17554	68.7	29.6	1.5	0.2	68.7	65.7	71.7

Alberta, Canada	2007	564	71.9	26.7	1.4	0.0	71.9	69.3	74.6
	2011	527	67.5	32.1	0.3	0.0	67.5	63.0	72.4
Ontario, Canada	2007	504	69.7	28.2	1.6	0.4	69.7	63.2	75.7
	2011	653	71.8	27.9	0.2	0.2	71.8	68.2	75.0
Quebec, Canada	2007	577	75.2	23.1	1.8	0.0	75.2	69.1	82.5
	2011	601	76.6	23.0	0.4	0.0	76.6	74.8	78.8
Dubai, UAE	2007	433	52.1	43.0	4.3	0.5	52.1	50.7	53.4
	2011	886	51.7	45.5	2.5	0.3	51.7	47.3	55.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M01_01B (M031346B): Number / Reasoning
Label: Trading Cards_Sports cards - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	581	35.9	2.7	19.5	38.7	1.7	1.5	35.9	32.3	39.8
	2011	881	31.5	5.4	18.4	42.5	1.9	0.3	31.5	29.3	33.7
Austria	2007	690	30.7	6.3	26.8	33.9	2.0	0.2	30.7	21.7	37.8
	2011	674	29.8	4.8	25.1	38.1	2.2	0.0	29.8	21.7	37.5
Chinese Taipei	2007	594	62.4	2.6	14.3	19.7	1.0	0.0	62.4	57.9	66.3
	2011	611	60.9	1.4	16.8	20.6	0.3	0.0	60.9	58.1	63.5
Czech Republic	2007	589	28.5	4.2	25.1	37.1	4.9	0.3	28.5	20.2	36.7
	2011	651	33.4	4.1	29.4	30.3	2.8	0.0	33.4	32.8	34.0
Denmark	2007	505	44.1	4.3	18.3	30.5	2.0	0.8	44.1	41.6	46.7
	2011	576	46.3	3.2	19.4	29.1	1.5	0.5	46.3	42.1	50.7
England	2007	632	42.7	3.0	19.4	32.5	2.3	0.0	42.7	38.6	46.4
	2011	483	37.7	2.2	24.7	35.1	0.3	0.0	37.7	36.5	38.8
Georgia	2007	589	17.8	8.2	13.2	46.6	9.6	4.7	17.8	17.0	18.7
	2011	676	20.6	7.6	18.4	49.4	3.8	0.2	20.6	17.4	23.8
Germany	2007	736	41.7	3.1	22.2	30.8	2.0	0.2	41.7	34.5	48.6
	2011	566	43.5	3.2	18.9	33.4	1.0	0.0	43.5	39.5	47.5
Hong Kong SAR	2007	541	68.7	1.1	13.3	16.5	0.4	0.0	68.7	65.7	71.8
	2011	555	65.7	2.0	15.1	17.0	0.2	0.0	65.7	61.4	69.3
Hungary	2007	586	25.2	4.4	16.5	52.4	0.9	0.4	25.2	22.5	28.1
	2011	742	25.9	4.2	19.1	48.9	1.6	0.3	25.9	21.8	30.5
Iran, Islamic Rep. of	2007	536	5.2	7.4	10.2	61.6	14.6	0.9	5.2	4.6	5.9
	2011	821	10.2	7.9	13.5	64.0	3.7	0.6	10.2	10.0	10.4
Italy	2007	641	26.7	4.1	26.0	39.6	3.2	0.3	26.7	24.7	28.7
	2011	596	27.2	3.4	23.9	43.5	1.7	0.3	27.2	21.7	33.5
Japan	2007	638	49.0	1.6	17.7	31.0	0.7	0.0	49.0	44.8	53.3
	2011	626	55.5	2.1	14.8	27.5	0.0	0.2	55.5	55.0	55.9
Kuwait	2007	520	2.6	2.6	3.6	69.8	18.1	3.4	2.6	1.8	3.4
	2011	583	4.1	2.7	3.8	77.4	10.3	1.6	4.1	3.7	4.6
Lithuania	2007	571	47.5	4.3	22.5	23.7	2.0	0.0	47.5	41.2	53.9
	2011	670	44.5	3.5	23.6	26.6	1.8	0.0	44.5	43.2	45.7
Netherlands	2007	481	47.2	4.2	18.2	30.1	0.0	0.4	47.2	40.6	53.4
	2011	457	48.2	5.3	17.9	27.7	0.9	0.0	48.2	43.1	53.2
New Zealand	2007	720	32.3	2.8	18.7	44.5	1.3	0.3	32.3	27.8	36.9
	2011	785	27.2	3.6	22.5	45.5	1.2	0.0	27.2	23.8	30.3
Norway	2007	588	25.5	6.0	16.8	48.0	2.7	0.9	25.5	21.2	30.6
	2011	461	26.8	6.1	21.4	43.7	2.0	0.0	26.8	24.1	29.7
Russian Federation	2007	644	48.0	3.2	21.9	24.6	2.2	0.1	48.0	47.2	48.7
	2011	630	50.6	3.0	24.3	21.6	0.3	0.1	50.6	48.9	52.3
Singapore	2007	714	66.7	1.2	12.7	19.1	0.2	0.0	66.7	65.8	67.6
	2011	906	71.5	0.8	11.9	15.6	0.3	0.0	71.5	72.2	70.7
Slovak Republic	2007	714	26.2	6.8	24.6	39.9	2.3	0.3	26.2	21.9	30.4
	2011	816	33.3	2.4	24.2	37.7	2.0	0.4	33.3	29.7	36.9
Slovenia	2007	622	23.0	4.9	27.0	41.6	3.0	0.5	23.0	19.7	25.9
	2011	642	30.9	4.6	25.7	36.6	1.3	0.9	30.9	25.8	35.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M01_01B (M031346B): Number / Reasoning
Label: Trading Cards_Sports cards - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	662	34.0	7.2	21.2	35.4	1.9	0.2	34.0	30.0	38.3
	2011	666	40.4	3.1	22.4	32.4	1.7	0.0	40.4	32.5	47.9
Tunisia	2007	590	8.8	3.4	8.6	66.9	7.9	4.4	8.8	9.2	8.5
	2011	690	11.7	5.0	9.6	67.7	4.6	1.4	11.7	8.9	14.6
United States	2007	1132	31.2	4.0	29.0	34.7	0.9	0.2	31.2	27.8	34.6
	2011	1790	33.7	3.8	25.7	36.4	0.4	0.0	33.7	31.1	36.4
International Avg. (25)	2007	15816	34.9	4.1	18.7	38.0	3.5	0.8	34.9	31.2	38.4
	2011	17554	36.4	3.8	19.6	37.9	1.9	0.3	36.4	33.4	39.5
Alberta, Canada	2007	564	32.5	2.9	22.9	39.9	1.7	0.0	32.5	29.1	36.1
	2011	527	31.5	3.2	22.4	42.4	0.5	0.0	31.5	27.9	35.2
Ontario, Canada	2007	504	35.5	4.0	21.5	36.5	1.6	0.9	35.5	27.0	43.4
	2011	653	33.4	3.0	21.5	41.7	0.2	0.2	33.4	30.0	36.6
Quebec, Canada	2007	577	39.5	3.8	21.7	32.3	2.7	0.0	39.5	35.5	44.4
	2011	601	41.9	2.3	21.9	33.2	0.8	0.0	41.9	39.2	44.9
Dubai, UAE	2007	433	22.4	4.7	16.1	51.0	4.8	1.1	22.4	20.0	24.6
	2011	886	22.6	2.9	16.1	55.0	3.1	0.3	22.6	16.6	28.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M01_01C (M031346C): Number / Reasoning

Label: Trading Cards_Max number of cards - Points: 2

COUNTRY	YEAR	N	20 %	10 %	11 %	12 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	581	25.1	24.1	2.4	4.6	0.0	41.0	1.1	1.7	56.2	25.1	22.8	27.7
	2011	881	22.6	31.7	4.6	2.6	0.2	36.2	1.7	0.3	61.6	22.6	22.9	22.3
Austria	2007	690	21.4	41.3	5.2	5.0	0.2	24.0	2.5	0.2	73.0	21.4	14.2	27.0
	2011	674	22.5	39.1	3.8	6.2	0.6	26.7	1.2	0.0	71.5	22.5	20.0	24.8
Chinese Taipei	2007	594	59.9	19.7	1.6	0.9	0.0	17.1	0.8	0.0	82.1	59.9	55.7	63.6
	2011	611	61.0	22.3	1.9	0.7	0.0	13.8	0.3	0.0	85.9	61.0	58.8	63.0
Czech Republic	2007	589	21.4	34.1	4.7	2.1	0.2	31.4	5.8	0.3	62.2	21.4	14.4	28.3
	2011	651	26.5	41.4	3.1	2.1	0.0	23.1	3.8	0.0	73.1	26.5	23.4	30.0
Denmark	2007	505	35.5	29.6	4.5	2.7	1.0	23.9	1.9	1.0	72.2	35.5	32.7	38.5
	2011	576	37.6	32.5	2.2	2.7	1.2	20.9	2.5	0.5	74.9	37.6	35.0	40.3
England	2007	632	29.7	33.7	4.3	2.3	0.1	27.0	2.7	0.0	70.1	29.7	25.9	33.2
	2011	483	29.9	33.4	5.8	3.1	0.0	27.1	0.7	0.0	72.2	29.9	27.4	32.0
Georgia	2007	589	10.3	23.3	1.3	4.0	2.7	35.2	18.4	4.7	39.0	10.3	8.8	11.8
	2011	676	16.1	38.1	3.1	2.3	0.0	35.6	4.5	0.2	59.7	16.1	16.5	15.8
Germany	2007	736	33.9	32.8	3.3	2.9	0.1	22.9	3.9	0.2	72.9	33.9	27.3	40.3
	2011	566	35.3	9.7	0.8	2.9	0.0	48.5	2.7	0.0	48.8	35.3	32.9	37.7
Hong Kong SAR	2007	541	60.5	24.2	2.5	1.7	0.2	10.5	0.4	0.0	88.9	60.5	58.8	62.2
	2011	555	65.7	19.3	3.6	0.9	0.5	9.8	0.2	0.0	89.6	65.7	62.3	68.7
Hungary	2007	586	18.1	27.8	3.5	4.9	0.0	42.3	3.0	0.4	54.3	18.1	16.8	19.5
	2011	742	21.2	33.1	3.8	4.7	0.0	35.2	1.6	0.3	62.9	21.2	17.7	25.0
Iran, Islamic Rep. of	2007	536	3.1	17.1	3.9	0.8	1.0	58.2	15.1	1.0	24.8	3.1	3.6	2.7
	2011	821	5.1	25.0	5.0	1.2	0.7	55.9	6.4	0.6	36.3	5.1	4.5	5.8
Italy	2007	641	18.0	40.0	2.8	4.0	1.4	28.9	4.6	0.4	64.7	18.0	16.8	19.2
	2011	597	18.4	36.0	6.4	4.4	0.2	31.9	2.5	0.3	65.1	18.4	15.5	21.6
Japan	2007	638	43.8	28.7	4.5	1.4	0.0	20.7	1.0	0.0	78.3	43.8	41.5	46.1
	2011	626	50.5	25.2	3.3	0.5	0.4	19.8	0.2	0.2	79.4	50.5	49.7	51.3
Kuwait	2007	520	1.2	5.3	0.4	0.4	7.7	62.2	19.0	3.8	7.2	1.2	0.9	1.5
	2011	582	2.6	8.8	1.4	0.3	23.5	49.7	11.8	2.0	13.1	2.6	1.9	3.5
Lithuania	2007	571	26.8	31.5	3.9	16.0	0.2	19.4	2.2	0.0	78.2	26.8	22.4	31.3
	2011	670	24.1	34.9	3.8	15.2	0.4	20.2	1.4	0.0	78.0	24.1	25.8	22.6
Netherlands	2007	481	37.9	32.5	4.2	4.7	1.4	18.8	0.1	0.4	79.3	37.9	33.1	42.3
	2011	457	39.9	29.3	4.4	4.3	0.3	20.7	0.9	0.2	77.9	39.9	36.9	42.6
New Zealand	2007	720	20.5	27.7	5.0	2.7	0.7	42.3	0.8	0.3	55.9	20.5	20.3	20.8
	2011	785	19.6	32.7	4.9	1.4	0.3	39.8	1.3	0.0	58.6	19.6	18.7	20.3
Norway	2007	588	22.8	31.4	6.9	1.4	0.0	33.9	2.7	0.9	62.5	22.8	17.4	29.1
	2011	461	21.5	31.2	3.2	2.3	0.0	39.7	2.0	0.0	58.3	21.5	19.1	24.2
Russian Federation	2007	644	31.0	33.5	3.2	10.0	0.1	18.4	3.6	0.3	77.7	31.0	28.9	32.9
	2011	630	32.6	34.6	2.6	9.9	0.8	17.9	1.5	0.1	79.7	32.6	32.8	32.3
Singapore	2007	714	46.6	21.1	2.5	3.0	0.1	26.4	0.2	0.0	73.2	46.6	47.8	45.4
	2011	906	54.5	18.8	3.2	2.4	0.1	20.7	0.3	0.0	78.9	54.5	55.3	53.8
Slovak Republic	2007	714	17.7	35.7	4.5	2.9	0.6	34.4	3.9	0.3	60.8	17.7	15.3	20.1
	2011	816	21.4	36.2	3.5	5.3	0.2	30.6	2.4	0.4	66.4	21.4	21.4	21.3
Slovenia	2007	622	14.8	37.0	3.0	4.1	0.0	36.7	3.8	0.5	59.0	14.8	13.5	16.0
	2011	642	22.2	34.0	3.9	2.1	0.7	34.2	1.9	0.9	62.4	22.2	16.5	27.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
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M01_01C (M031346C): Number / Reasoning

Label: Trading Cards_Max number of cards - Points: 2

COUNTRY	YEAR	N	20 %	10 %	11 %	12 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	662	27.8	38.7	5.1	3.0	0.1	22.1	2.9	0.2	74.7	27.8	23.5	32.5
	2011	666	34.2	35.6	4.1	2.2	0.0	22.3	1.6	0.0	76.1	34.2	33.9	34.5
Tunisia	2007	590	5.1	9.9	2.8	3.0	0.5	64.8	9.5	4.4	20.8	5.1	5.5	4.7
	2011	690	5.0	14.1	3.0	1.4	4.0	65.9	5.2	1.5	23.4	5.0	4.8	5.1
United States	2007	1132	22.2	37.1	4.8	2.6	0.2	31.8	1.1	0.2	66.7	22.2	19.1	25.3
	2011	1790	25.0	33.9	5.2	3.2	0.0	32.3	0.3	0.0	67.4	25.0	22.0	28.0
International Avg. (25)	2007	15816	26.2	28.7	3.6	3.6	0.7	31.8	4.5	0.9	62.2	26.2	23.5	28.9
	2011	17554	28.6	29.2	3.6	3.4	1.4	31.1	2.4	0.3	64.8	28.6	27.0	30.1
Alberta, Canada	2007	564	22.7	33.6	3.1	1.3	0.0	37.3	2.0	0.0	60.7	22.7	17.5	28.0
	2011	527	22.4	27.1	6.4	2.6	0.5	40.6	0.4	0.0	58.5	22.4	15.9	29.3
Ontario, Canada	2007	504	23.5	33.7	4.8	1.9	0.1	33.9	1.3	0.9	63.9	23.5	18.1	28.6
	2011	652	27.2	30.7	5.3	1.9	1.0	33.4	0.3	0.2	65.1	27.2	23.8	30.3
Quebec, Canada	2007	577	32.1	27.5	4.7	1.7	1.6	29.5	2.9	0.0	66.0	32.1	24.8	41.1
	2011	601	37.3	28.5	5.8	2.2	1.7	23.3	1.2	0.0	73.8	37.3	34.1	41.0
Dubai, UAE	2007	433	10.9	26.9	3.9	4.5	0.4	46.2	6.1	1.1	46.2	10.9	10.8	11.0
	2011	886	18.8	23.7	3.0	1.3	2.1	47.3	3.5	0.3	46.7	18.8	15.1	22.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M01_02 (M031379): Number / Reasoning

Label: Trading Cards_Trading sports cards - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	581	27.2	6.5	11.2	48.5	4.8	1.7	27.2	22.5	32.5
	2011	881	25.0	10.0	10.0	51.3	3.4	0.3	25.0	24.8	25.1
Austria	2007	690	19.8	15.6	10.1	47.2	7.1	0.2	19.8	13.5	24.6
	2011	674	17.9	15.0	9.4	51.7	6.0	0.0	17.9	12.8	22.7
Chinese Taipei	2007	594	44.9	14.6	7.3	32.0	1.2	0.0	44.9	42.7	46.8
	2011	611	44.3	15.8	6.2	33.1	0.7	0.0	44.3	42.2	46.3
Czech Republic	2007	589	19.3	22.8	5.6	43.0	9.0	0.3	19.3	15.2	23.3
	2011	651	23.7	23.2	8.5	39.1	5.4	0.0	23.7	21.6	26.0
Denmark	2007	505	37.8	8.1	12.1	33.6	7.3	1.0	37.8	34.8	41.2
	2011	576	38.8	9.1	6.5	40.2	4.8	0.5	38.8	36.2	41.6
England	2007	632	30.8	11.3	8.8	45.4	3.6	0.1	30.8	30.2	31.3
	2011	483	31.8	12.4	10.0	43.2	2.5	0.0	31.8	30.6	32.9
Georgia	2007	589	10.3	10.6	9.9	50.2	13.8	5.1	10.3	7.6	13.0
	2011	678	21.3	15.8	9.0	47.7	5.9	0.3	21.3	22.7	19.9
Germany	2007	736	30.0	12.7	10.9	40.8	5.2	0.3	30.0	23.2	36.6
	2011	566	28.6	13.0	7.6	45.0	5.9	0.0	28.6	26.7	30.4
Hong Kong SAR	2007	541	52.2	13.2	6.0	27.2	1.5	0.0	52.2	47.2	57.3
	2011	555	49.9	13.9	6.3	29.3	0.6	0.0	49.9	45.6	53.6
Hungary	2007	586	15.3	14.8	7.5	57.9	3.5	1.1	15.3	12.8	18.0
	2011	741	20.2	12.0	3.9	60.0	3.6	0.3	20.2	18.2	22.4
Iran, Islamic Rep. of	2007	536	6.8	10.4	7.7	56.6	16.8	1.6	6.8	7.2	6.4
	2011	821	11.6	14.5	6.5	60.1	6.6	0.6	11.6	10.2	13.0
Italy	2007	641	24.4	11.4	9.9	46.1	7.8	0.5	24.4	21.5	27.2
	2011	597	22.5	9.6	12.1	50.1	5.4	0.3	22.5	19.8	25.6
Japan	2007	637	34.7	16.4	6.3	41.6	1.0	0.0	34.7	31.8	37.6
	2011	626	40.2	13.7	7.3	38.2	0.4	0.2	40.2	39.3	41.1
Kuwait	2007	520	6.2	3.7	1.2	63.7	21.2	3.9	6.2	4.8	7.7
	2011	582	7.9	6.2	2.1	70.7	10.7	2.5	7.9	7.6	8.2
Lithuania	2007	571	33.6	16.1	12.2	35.0	3.1	0.0	33.6	31.7	35.6
	2011	670	33.7	17.9	13.1	32.9	2.4	0.0	33.7	33.3	34.1
Netherlands	2007	481	39.9	10.2	10.4	37.4	1.7	0.4	39.9	31.9	47.4
	2011	457	41.0	11.2	11.1	35.3	1.0	0.4	41.0	36.1	46.2
New Zealand	2007	720	23.2	9.5	12.2	51.6	3.1	0.3	23.2	20.0	26.6
	2011	785	22.3	10.1	9.1	56.5	1.9	0.0	22.3	19.0	25.3
Norway	2007	588	19.9	9.9	9.1	54.1	6.1	0.9	19.9	18.7	21.2
	2011	461	24.0	8.7	8.5	54.3	4.4	0.1	24.0	16.6	32.2
Russian Federation	2007	644	31.9	27.6	6.9	28.4	4.9	0.3	31.9	28.3	35.3
	2011	630	35.8	24.7	6.4	30.8	2.1	0.1	35.8	35.2	36.3
Singapore	2007	712	53.6	14.9	4.7	26.6	0.2	0.0	53.6	51.6	55.5
	2011	906	60.8	13.1	4.4	21.7	0.0	0.0	60.8	59.6	62.1
Slovak Republic	2007	714	17.3	15.5	10.0	50.5	6.2	0.5	17.3	14.7	19.9
	2011	816	25.5	16.4	8.5	44.0	5.2	0.5	25.5	24.1	27.0
Slovenia	2007	622	15.9	19.1	9.0	51.1	4.4	0.5	15.9	14.2	17.4
	2011	642	21.1	17.5	7.8	49.6	3.2	0.9	21.1	14.4	26.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M01_02 (M031379): Number / Reasoning

Label: Trading Cards_Trading sports cards - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	662	28.6	10.0	10.1	43.2	7.8	0.2	28.6	25.1	32.4
	2011	666	27.1	8.1	10.6	49.7	4.5	0.0	27.1	22.3	31.7
Tunisia	2007	590	7.5	5.7	6.2	66.5	9.4	4.8	7.5	8.2	6.9
	2011	690	7.8	7.5	7.9	68.3	6.7	1.8	7.8	7.1	8.4
United States	2007	1132	21.7	15.4	14.4	46.0	2.2	0.2	21.7	19.9	23.6
	2011	1790	22.8	13.5	14.3	47.5	1.8	0.0	22.8	20.1	25.6

International Avg. (25)	2007	15813	26.1	13.0	8.8	45.0	6.1	1.0	26.1	23.2	29.0
	2011	17555	28.2	13.3	8.3	46.0	3.8	0.4	28.2	25.8	30.6

Alberta, Canada	2007	564	22.7	10.3	14.9	48.7	3.4	0.0	22.7	17.9	27.7
	2011	527	25.9	9.8	13.9	48.8	1.7	0.0	25.9	23.5	28.4
Ontario, Canada	2007	504	25.4	7.2	13.3	52.0	1.2	0.9	25.4	23.0	27.6
	2011	653	28.3	8.6	12.6	48.8	1.6	0.2	28.3	28.5	28.1
Quebec, Canada	2007	577	30.4	10.5	9.9	45.6	3.6	0.1	30.4	27.1	34.4
	2011	601	39.8	9.7	8.5	39.5	2.5	0.0	39.8	38.0	41.9
Dubai, UAE	2007	433	16.5	8.7	7.3	56.2	9.9	1.3	16.5	15.9	17.1
	2011	886	18.9	12.0	7.5	57.4	3.8	0.4	18.9	16.0	21.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M01_03 (M031380): Number / Reasoning

Label: Trading Card_Trading cartoon cards - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	72 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	581	18.8	5.4	16.1	10.2	43.4	3.9	2.0	18.8	14.2	23.8
	2011	881	17.5	7.0	10.9	8.6	51.9	3.7	0.4	17.5	16.4	18.5
Austria	2007	690	15.5	8.3	8.5	12.4	43.7	11.4	0.2	15.5	9.9	19.8
	2011	674	18.9	8.9	7.9	9.9	44.7	9.7	0.0	18.9	13.4	24.1
Chinese Taipei	2007	594	38.0	10.7	19.0	4.7	26.0	1.6	0.0	38.0	31.9	43.3
	2011	611	40.4	10.7	14.9	7.7	25.1	1.3	0.0	40.4	35.2	45.3
Czech Republic	2007	589	15.3	11.3	7.3	10.3	44.4	10.9	0.7	15.3	13.3	17.2
	2011	651	20.8	11.4	8.5	11.0	39.6	8.6	0.2	20.8	19.8	21.8
Denmark	2007	505	23.7	6.1	12.7	7.5	37.9	10.2	1.8	23.7	19.5	28.4
	2011	576	29.7	3.7	10.5	6.1	42.1	7.2	0.5	29.7	25.8	34.0
England	2007	632	18.6	5.7	16.4	11.2	41.8	6.2	0.1	18.6	14.0	22.8
	2011	483	19.2	5.4	18.7	10.8	42.7	3.1	0.0	19.2	16.1	21.9
Georgia	2007	589	3.9	7.6	5.5	7.1	52.3	18.2	5.5	3.9	3.2	4.5
	2011	678	11.2	12.0	6.5	7.2	54.4	7.8	0.8	11.2	10.6	11.9
Germany	2007	736	22.3	7.5	12.0	9.6	38.4	9.5	0.6	22.3	15.4	29.1
	2011	566	20.4	6.4	11.9	9.6	40.4	11.2	0.0	20.4	18.0	22.9
Hong Kong SAR	2007	541	39.5	9.3	17.0	5.1	26.6	2.2	0.3	39.5	38.1	40.9
	2011	555	41.8	7.2	13.8	5.6	29.9	1.7	0.0	41.8	36.7	46.2
Hungary	2007	586	13.8	8.1	8.0	6.5	56.0	6.2	1.4	13.8	11.3	16.6
	2011	742	17.4	9.4	5.4	8.3	52.6	6.6	0.3	17.4	14.8	20.4
Iran, Islamic Rep. of	2007	536	4.6	6.0	1.8	6.3	57.8	21.2	2.3	4.6	4.5	4.7
	2011	821	6.0	8.1	4.7	6.2	63.6	10.6	0.9	6.0	5.3	6.6
Italy	2007	641	13.9	3.6	11.3	12.1	46.4	11.8	0.9	13.9	10.8	16.9
	2011	597	12.4	6.3	11.5	12.8	49.0	7.6	0.3	12.4	7.5	18.0
Japan	2007	637	29.5	9.0	13.6	8.0	36.9	3.0	0.1	29.5	23.7	35.3
	2011	626	32.0	6.3	13.9	9.4	37.5	0.8	0.2	32.0	26.8	37.1
Kuwait	2007	520	3.0	6.4	1.6	1.8	61.7	21.0	4.6	3.0	3.6	2.4
	2011	582	4.8	6.4	1.6	1.6	72.1	10.8	2.8	4.8	4.4	5.2
Lithuania	2007	571	22.5	3.9	17.2	14.4	36.1	5.9	0.0	22.5	17.3	27.9
	2011	670	26.6	8.0	13.7	9.7	37.2	4.7	0.0	26.6	23.7	29.3
Netherlands	2007	481	24.5	10.1	15.5	10.3	36.6	2.5	0.4	24.5	21.3	27.5
	2011	457	25.3	4.3	13.9	9.4	44.2	2.2	0.7	25.3	19.1	31.3
New Zealand	2007	720	15.1	7.2	14.0	11.0	48.7	3.4	0.5	15.1	12.6	17.6
	2011	785	12.6	7.2	12.2	12.1	54.2	1.4	0.2	12.6	8.3	16.4
Norway	2007	588	15.9	7.6	7.4	7.6	51.9	8.3	1.3	15.9	10.8	21.7
	2011	461	19.8	4.6	6.5	8.8	52.6	7.4	0.3	19.8	14.2	26.0
Russian Federation	2007	644	35.2	8.8	7.8	7.6	31.7	8.3	0.6	35.2	34.4	35.9
	2011	630	32.3	11.8	11.3	9.8	31.4	3.3	0.1	32.3	28.7	35.8
Singapore	2007	712	41.1	4.2	20.4	7.8	26.0	0.6	0.0	41.1	38.8	43.2
	2011	906	48.4	5.9	17.1	4.7	23.6	0.3	0.0	48.4	47.8	48.9
Slovak Republic	2007	714	13.1	6.6	7.6	12.2	50.2	9.2	1.1	13.1	11.3	14.9
	2011	816	19.0	6.8	8.8	11.9	43.9	9.1	0.5	19.0	15.7	22.3
Slovenia	2007	622	13.3	9.0	6.2	11.6	52.5	6.1	1.4	13.3	10.3	15.9
	2011	642	17.7	7.6	8.7	8.7	49.5	6.9	0.9	17.7	11.0	23.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M01_03 (M031380): Number / Reasoning

Label: Trading Card_Trading cartoon cards - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	72 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	662	19.1	4.4	8.6	9.7	45.4	12.6	0.2	19.1	14.1	24.5
	2011	666	19.3	4.4	8.1	10.6	49.3	7.9	0.4	19.3	14.2	24.2
Tunisia	2007	590	4.4	4.7	3.7	4.5	66.4	10.4	5.8	4.4	4.6	4.3
	2011	690	5.5	6.5	3.4	4.5	70.7	7.0	2.4	5.5	4.4	6.7
United States	2007	1132	17.4	7.6	13.1	12.9	46.1	2.6	0.2	17.4	15.1	19.6
	2011	1790	18.8	10.3	10.9	12.8	45.3	1.9	0.0	18.8	15.0	22.5
International Avg. (25)	2007	15813	19.3	7.2	10.9	8.9	44.2	8.3	1.3	19.3	16.2	22.3
	2011	17556	21.5	7.5	10.2	8.7	45.9	5.7	0.5	21.5	18.1	24.8
Alberta, Canada	2007	564	18.1	6.8	14.9	13.1	42.9	4.0	0.3	18.1	14.6	21.8
	2011	527	14.5	6.0	15.1	11.5	50.8	1.5	0.5	14.5	11.5	17.8
Ontario, Canada	2007	504	15.0	6.6	12.4	12.2	48.7	3.8	1.3	15.0	11.1	18.5
	2011	653	17.6	6.1	12.4	11.5	49.9	1.7	0.8	17.6	16.0	19.1
Quebec, Canada	2007	577	24.3	6.0	15.5	7.8	39.4	6.4	0.5	24.3	19.7	30.0
	2011	601	21.3	6.1	18.1	8.1	44.0	2.3	0.0	21.3	15.6	28.0
Dubai, UAE	2007	433	12.3	4.5	7.9	8.8	54.1	10.6	1.7	12.3	8.6	15.6
	2011	886	13.0	7.1	8.4	7.8	58.0	5.3	0.4	13.0	8.9	16.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M01_05 (M031313): Number / Applying

Label: Total number of people on a ship - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	581	68.8	6.9	20.8	1.5	2.0	68.8	74.1	63.0
	2011	881	68.7	4.8	24.1	2.0	0.4	68.7	72.5	65.1
Austria	2007	690	76.7	9.8	11.2	1.7	0.6	76.7	74.5	78.4
	2011	674	79.4	7.5	12.2	1.0	0.0	79.4	82.5	76.4
Chinese Taipei	2007	594	93.1	2.8	4.1	0.0	0.0	93.1	92.3	93.8
	2011	611	89.4	3.2	7.1	0.3	0.0	89.4	89.3	89.4
Czech Republic	2007	589	75.1	7.7	14.8	1.4	0.9	75.1	77.5	72.8
	2011	651	79.4	6.5	13.5	0.2	0.3	79.4	75.7	83.3
Denmark	2007	505	75.4	6.9	11.1	3.7	2.9	75.4	76.0	74.8
	2011	576	76.6	7.5	12.5	2.3	1.1	76.6	80.1	72.8
England	2007	632	73.3	5.4	18.9	1.9	0.4	73.3	76.9	70.1
	2011	483	78.1	5.3	15.5	0.9	0.2	78.1	76.5	79.5
Georgia	2007	589	70.1	2.8	16.7	4.1	6.3	70.1	69.9	70.2
	2011	678	74.7	3.4	18.6	2.4	0.9	74.7	78.5	70.7
Germany	2007	736	77.8	6.6	12.7	1.5	1.4	77.8	77.9	77.7
	2011	566	78.8	4.4	15.1	1.7	0.0	78.8	82.3	75.3
Hong Kong SAR	2007	541	92.4	3.4	3.8	0.2	0.3	92.4	93.4	91.3
	2011	555	86.1	5.3	8.6	0.0	0.0	86.1	87.4	85.1
Hungary	2007	586	77.4	5.2	14.3	1.1	2.0	77.4	79.0	75.6
	2011	741	83.6	3.4	11.7	1.0	0.3	83.6	84.8	82.2
Iran, Islamic Rep. of	2007	536	62.8	2.6	27.0	4.4	3.2	62.8	68.1	57.4
	2011	821	70.5	3.3	22.1	3.0	1.1	70.5	73.9	67.2
Italy	2007	641	79.4	7.0	10.2	2.0	1.3	79.4	83.3	75.6
	2011	597	82.9	5.7	9.2	1.1	1.0	82.9	80.6	85.6
Japan	2007	638	90.5	4.9	3.8	0.3	0.5	90.5	89.2	91.9
	2011	626	90.7	5.0	3.9	0.4	0.2	90.7	90.4	90.9
Kuwait	2007	520	32.9	1.6	41.8	18.9	4.9	32.9	38.0	27.0
	2011	582	24.0	1.5	60.2	11.4	3.0	24.0	27.6	20.0
Lithuania	2007	571	83.3	4.5	11.1	0.9	0.3	83.3	89.3	77.1
	2011	670	82.1	3.8	13.3	0.8	0.0	82.1	85.8	78.6
Netherlands	2007	481	75.7	5.2	17.0	1.7	0.4	75.7	80.8	70.9
	2011	457	80.8	4.2	13.2	0.7	1.1	80.8	84.5	76.9
New Zealand	2007	720	56.6	5.0	35.4	1.8	1.1	56.6	58.3	54.9
	2011	785	51.9	6.4	40.0	1.4	0.3	51.9	53.0	51.0
Norway	2007	588	62.6	9.9	22.3	2.3	3.0	62.6	67.4	56.9
	2011	461	67.3	10.3	19.6	1.5	1.3	67.3	68.2	66.3
Russian Federation	2007	644	82.1	5.5	11.1	0.4	0.8	82.1	85.3	79.1
	2011	630	85.8	3.3	10.8	0.0	0.1	85.8	86.0	85.5
Singapore	2007	714	91.2	1.5	7.0	0.2	0.1	91.2	93.2	89.4
	2011	906	93.2	2.1	4.7	0.1	0.0	93.2	95.9	90.3
Slovak Republic	2007	714	79.5	3.2	13.3	2.3	1.8	79.5	81.8	77.1
	2011	816	83.3	2.2	13.2	0.7	0.6	83.3	86.0	80.6
Slovenia	2007	622	75.3	4.1	16.6	1.9	2.0	75.3	76.2	74.6
	2011	642	81.5	3.4	13.3	0.6	1.2	81.5	84.6	78.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M01_05 (M031313): Number / Applying

Label: Total number of people on a ship - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	662	73.8	7.2	15.7	2.5	0.8	73.8	75.9	71.6
	2011	666	75.1	7.6	15.9	0.9	0.5	75.1	75.2	75.0
Tunisia	2007	590	46.4	3.4	36.4	6.0	7.8	46.4	49.4	43.7
	2011	690	48.5	3.2	41.1	4.1	3.1	48.5	52.1	44.8
United States	2007	1132	82.7	4.5	9.7	2.6	0.4	82.7	85.0	80.5
	2011	1790	84.2	4.4	9.3	1.9	0.2	84.2	87.0	81.4

International Avg. (25)	2007	15816	74.2	5.1	16.3	2.6	1.8	74.2	76.5	71.8
	2011	17555	75.9	4.7	17.2	1.6	0.7	75.9	77.6	74.1

Alberta, Canada	2007	564	75.0	7.6	14.5	2.0	0.9	75.0	77.3	72.7
	2011	527	76.3	5.1	16.0	1.8	0.9	76.3	77.3	75.3
Ontario, Canada	2007	504	73.0	5.1	18.9	1.6	1.5	73.0	73.1	72.9
	2011	653	73.6	5.5	19.1	0.5	1.3	73.6	78.4	69.2
Quebec, Canada	2007	577	80.9	6.6	10.8	1.1	0.7	80.9	83.4	77.7
	2011	601	87.5	5.4	5.8	0.9	0.4	87.5	90.6	84.0
Dubai, UAE	2007	433	67.2	3.9	22.4	4.4	2.1	67.2	70.7	64.1
	2011	886	70.0	4.7	22.2	2.6	0.5	70.0	70.4	69.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M01_06 (M031083): Geometric Shapes and Measures / Knowing
Label: Pieces of cardboard to make shape - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	581	77.1	9.7	2.5	3.3	77.1	5.0	2.3	79.6	74.4
	2011	881	81.1	9.0	4.7	2.5	81.1	2.3	0.4	84.4	78.0
Austria	2007	690	67.7	12.6	2.7	2.9	67.7	12.8	1.2	66.0	69.1
	2011	674	75.4	11.6	1.8	1.0	75.4	10.0	0.1	79.0	72.0
Chinese Taipei	2007	594	88.5	7.4	0.6	0.4	88.5	3.0	0.0	91.7	85.6
	2011	611	83.7	7.3	2.1	1.5	83.7	5.4	0.0	83.8	83.7
Czech Republic	2007	590	67.9	11.0	5.1	4.6	67.9	10.5	0.9	70.0	65.8
	2011	651	80.0	8.0	3.3	3.9	80.0	4.4	0.3	77.7	82.5
Denmark	2007	491	75.5	9.1	4.3	3.8	75.5	4.1	3.2	81.0	69.3
	2011	576	79.2	7.0	2.4	4.4	79.2	5.8	1.3	81.6	76.7
England	2007	632	78.7	7.0	2.9	5.2	78.7	5.9	0.4	80.2	77.3
	2011	483	78.1	11.5	2.3	2.2	78.1	5.7	0.2	80.4	76.1
Georgia	2007	589	48.5	24.1	9.4	4.7	48.5	6.4	7.0	49.4	47.6
	2011	678	56.1	19.8	8.8	6.7	56.1	7.0	1.6	54.1	58.1
Germany	2007	736	67.0	10.3	2.1	1.5	67.0	17.7	1.4	68.4	65.6
	2011	566	71.0	7.1	1.7	1.7	71.0	18.1	0.3	77.3	64.8
Hong Kong SAR	2007	541	91.3	3.1	2.2	1.9	91.3	1.3	0.3	92.1	90.4
	2011	555	92.3	3.2	2.0	1.7	92.3	0.8	0.0	92.1	92.5
Hungary	2007	586	71.6	14.5	4.0	1.6	71.6	6.3	2.0	73.9	69.1
	2011	740	74.2	14.5	2.3	3.2	74.2	5.5	0.3	74.5	73.8
Iran, Islamic Rep. of	2007	536	45.7	25.5	11.0	8.1	45.7	6.3	3.4	46.2	45.1
	2011	821	53.4	27.1	10.2	5.6	53.4	2.2	1.5	53.4	53.4
Italy	2007	611	74.9	9.2	5.4	5.7	74.9	3.0	1.8	74.5	75.4
	2011	597	70.9	14.7	4.1	6.0	70.9	3.3	1.0	66.7	75.6
Japan	2007	638	84.5	4.9	5.3	1.5	84.5	3.3	0.5	87.1	81.9
	2011	626	89.9	4.1	1.6	0.7	89.9	3.5	0.2	93.7	86.2
Kuwait	2007	520	30.6	27.8	9.1	9.0	30.6	17.2	6.2	34.4	26.3
	2011	575	31.8	33.5	11.3	11.7	31.8	8.6	3.1	34.9	28.2
Lithuania	2007	571	71.6	15.4	3.6	2.2	71.6	7.0	0.3	75.8	67.3
	2011	670	72.9	15.7	3.3	3.1	72.9	5.0	0.0	76.8	69.3
Netherlands	2007	481	67.2	14.5	5.5	5.1	67.2	7.3	0.4	67.7	66.6
	2011	457	71.5	10.2	7.4	2.0	71.5	7.8	1.1	70.9	72.6
New Zealand	2007	720	71.7	7.9	4.8	4.8	71.7	9.7	1.1	72.8	70.7
	2011	785	71.0	12.8	5.7	5.1	71.0	5.0	0.3	73.5	68.8
Norway	2007	588	62.5	10.6	6.5	11.1	62.5	6.2	3.2	61.9	63.1
	2011	461	70.2	10.8	7.0	6.3	70.2	4.2	1.6	72.8	67.3
Russian Federation	2007	644	84.0	4.7	2.9	4.0	84.0	3.6	0.8	85.8	82.2
	2011	630	84.0	6.8	4.4	3.5	84.0	1.1	0.1	86.7	81.5
Singapore	2007	714	84.3	6.5	4.7	3.9	84.3	0.6	0.1	87.8	81.0
	2011	906	87.6	6.3	2.8	3.0	87.6	0.3	0.0	90.0	85.2
Slovak Republic	2007	714	69.3	12.6	3.3	4.4	69.3	8.6	1.9	71.9	66.6
	2011	815	78.4	7.7	3.9	5.1	78.4	4.2	0.6	79.3	77.4
Slovenia	2007	623	65.9	13.8	5.2	7.8	65.9	4.5	2.7	72.3	60.5
	2011	633	71.1	13.3	3.7	5.7	71.1	4.7	1.4	72.1	70.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M01_06 (M031083): Geometric Shapes and Measures / Knowing
Label: Pieces of cardboard to make shape - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	662	75.6	8.1	4.2	5.7	75.6	4.7	1.7	79.2	71.7
	2011	666	78.1	9.0	2.6	4.1	78.1	5.8	0.5	79.0	77.3
Tunisia	2007	590	28.5	11.5	8.0	11.2	28.5	31.7	9.0	31.6	25.6
	2011	661	36.8	16.3	11.3	12.7	36.8	18.7	4.3	38.1	35.3
United States	2007	1132	77.4	11.3	4.3	4.2	77.4	2.4	0.4	77.9	76.9
	2011	1790	82.6	10.5	3.2	2.5	82.6	1.0	0.2	82.4	82.9
International Avg. (25)	2007	15774	69.1	11.7	4.8	4.7	69.1	7.6	2.1	71.2	67.0
	2011	17508	72.9	11.9	4.6	4.2	72.9	5.6	0.8	74.2	71.6
Alberta, Canada	2007	564	71.8	13.9	3.1	3.0	71.8	7.3	0.9	68.6	75.1
	2011	527	73.5	14.1	3.4	3.6	73.5	4.4	0.9	72.3	74.8
Ontario, Canada	2007	504	81.4	6.6	2.5	2.7	81.4	5.3	1.5	79.9	82.7
	2011	653	80.6	7.9	2.4	3.7	80.6	3.8	1.6	83.4	78.0
Quebec, Canada	2007	577	68.8	11.5	2.6	5.6	68.8	10.3	1.2	68.6	69.1
	2011	601	81.0	9.5	2.2	2.3	81.0	4.4	0.6	83.3	78.4
Dubai, UAE	2007	433	57.3	15.6	11.3	5.2	57.3	8.6	2.1	61.2	53.7
	2011	886	64.2	16.7	6.3	6.7	64.2	5.5	0.6	62.3	65.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M01_07 (M031071): Geometric Shapes and Measures / Knowing
Label: Position of shape after a 1/2 turn - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	581	42.2	15.4	42.2	22.0	14.7	2.0	3.6	36.0	48.9
	2011	881	47.0	20.2	47.0	16.5	15.3	0.5	0.5	46.6	47.4
Austria	2007	690	35.6	13.0	35.6	16.0	25.2	8.7	1.6	29.3	40.5
	2011	674	39.6	15.4	39.6	18.2	18.4	7.8	0.5	40.2	39.0
Chinese Taipei	2007	594	53.3	11.3	53.3	13.9	18.2	3.2	0.1	49.4	56.8
	2011	611	58.4	9.3	58.4	10.9	20.3	1.2	0.0	52.7	63.7
Czech Republic	2007	590	34.8	13.7	34.8	17.0	26.2	6.7	1.6	25.1	44.4
	2011	651	44.7	18.1	44.7	15.2	18.4	3.1	0.5	43.5	46.1
Denmark	2007	501	49.8	13.5	49.8	15.0	11.8	5.6	4.3	46.4	53.5
	2011	576	47.8	15.8	47.8	17.0	11.1	6.3	2.0	41.7	54.3
England	2007	632	60.0	12.2	60.0	12.2	12.8	1.8	1.0	59.6	60.4
	2011	483	63.6	11.0	63.6	10.6	12.1	2.1	0.6	66.0	61.5
Georgia	2007	589	26.2	7.3	26.2	13.3	34.9	10.6	7.5	23.3	29.1
	2011	678	29.3	10.4	29.3	17.4	34.4	6.5	2.1	35.2	23.2
Germany	2007	736	38.9	11.1	38.9	15.3	19.3	12.8	2.6	35.4	42.3
	2011	566	44.0	13.9	44.0	12.7	18.6	9.5	1.3	40.8	47.2
Hong Kong SAR	2007	541	67.8	11.4	67.8	12.1	7.6	0.8	0.3	71.1	64.4
	2011	555	64.2	13.2	64.2	11.1	10.4	1.2	0.0	56.8	70.5
Hungary	2007	586	36.0	15.0	36.0	15.6	24.8	6.3	2.4	36.1	35.8
	2011	740	42.1	17.1	42.1	15.4	22.0	2.6	0.8	38.6	46.1
Iran, Islamic Rep. of	2007	536	24.1	10.3	24.1	10.4	44.8	5.6	4.9	23.2	25.0
	2011	821	27.1	10.6	27.1	11.8	45.7	3.2	1.7	27.1	27.1
Italy	2007	637	46.0	11.3	46.0	17.5	16.8	5.4	3.1	46.2	45.8
	2011	597	45.9	13.9	45.9	18.6	16.8	3.3	1.5	43.3	48.8
Japan	2007	638	61.0	11.2	61.0	10.9	14.1	2.0	0.8	57.3	64.8
	2011	626	69.4	9.4	69.4	9.2	10.0	1.7	0.3	66.6	72.1
Kuwait	2007	520	17.2	13.0	17.2	11.7	37.3	12.4	8.5	15.8	18.7
	2011	574	23.9	17.4	23.9	17.2	29.9	7.5	4.1	26.0	21.6
Lithuania	2007	571	40.4	17.2	40.4	20.3	14.8	6.8	0.5	35.2	45.7
	2011	670	39.2	20.1	39.2	21.1	17.7	1.8	0.1	37.2	41.0
Netherlands	2007	481	46.9	15.7	46.9	19.7	13.3	2.8	1.6	41.0	52.4
	2011	457	59.1	17.7	59.1	13.2	7.0	1.6	1.3	57.2	60.9
New Zealand	2007	720	45.1	17.3	45.1	17.9	14.5	3.1	2.1	43.0	47.3
	2011	785	46.5	15.3	46.5	16.2	19.0	1.5	1.5	45.3	47.5
Norway	2007	588	32.3	13.0	32.3	17.4	26.0	6.6	4.7	29.3	35.7
	2011	461	46.7	13.5	46.7	12.5	21.8	3.9	1.7	43.5	50.1
Russian Federation	2007	644	47.3	11.6	47.3	16.2	19.5	3.6	1.7	49.1	45.7
	2011	630	50.8	14.3	50.8	15.5	17.6	1.5	0.3	45.3	56.1
Singapore	2007	714	65.9	12.4	65.9	13.1	8.1	0.2	0.4	61.8	69.8
	2011	906	69.7	12.3	69.7	10.5	7.5	0.0	0.1	69.8	69.7
Slovak Republic	2007	714	39.0	10.6	39.0	18.2	23.5	5.0	3.7	35.8	42.1
	2011	816	48.0	14.0	48.0	14.8	20.2	1.8	1.3	48.9	47.0
Slovenia	2007	623	30.9	19.0	30.9	17.0	26.8	3.4	2.9	28.2	33.1
	2011	640	33.6	19.4	33.6	17.3	25.4	2.7	1.7	31.0	35.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M01_07 (M031071): Geometric Shapes and Measures / Knowing
Label: Position of shape after a 1/2 turn - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	662	43.0	15.8	43.0	12.5	21.0	5.8	2.0	39.2	47.2
	2011	666	45.6	15.7	45.6	15.6	18.3	4.0	0.8	39.9	51.0
Tunisia	2007	591	13.7	9.0	13.7	11.5	24.3	23.7	17.8	15.4	12.1
	2011	673	16.1	7.1	16.1	18.2	36.1	15.5	7.0	15.1	17.2
United States	2007	1132	46.3	18.4	46.3	18.7	13.7	1.8	1.1	42.6	49.9
	2011	1790	51.7	18.8	51.7	19.3	9.2	0.8	0.3	47.1	56.3
International Avg. (25)	2007	15811	41.7	13.2	41.7	15.4	20.6	5.9	3.2	39.0	44.4
	2011	17527	46.2	14.5	46.2	15.0	19.3	3.7	1.3	44.2	48.0
Alberta, Canada	2007	564	36.7	11.3	36.7	21.6	26.5	2.7	1.2	29.3	44.4
	2011	527	36.9	16.1	36.9	25.5	19.1	0.8	1.5	36.3	37.6
Ontario, Canada	2007	504	45.8	16.6	45.8	15.5	18.6	2.1	1.5	42.2	49.0
	2011	653	47.4	15.8	47.4	17.5	15.6	1.8	1.9	44.4	50.2
Quebec, Canada	2007	577	41.1	9.7	41.1	16.9	25.4	4.6	2.4	36.3	46.9
	2011	601	46.8	8.8	46.8	17.2	24.4	2.2	0.6	46.8	46.8
Dubai, UAE	2007	433	34.0	12.0	34.0	19.1	26.9	5.7	2.3	36.8	31.5
	2011	886	35.8	12.6	35.8	19.9	28.1	2.5	1.1	34.2	37.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M01_08 (M031185): Number / Reasoning

Label: Distance between towns using map - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	581	50.9	4.6	10.5	26.1	50.9	3.9	4.0	45.3	57.0
	2011	881	45.6	4.6	15.8	31.1	45.6	2.4	0.5	40.6	50.4
Austria	2007	690	60.2	3.8	12.9	17.4	60.2	3.6	2.2	56.0	63.4
	2011	674	56.7	4.1	15.0	19.8	56.7	2.7	1.7	50.8	62.3
Chinese Taipei	2007	594	83.3	1.5	5.1	8.1	83.3	1.4	0.6	82.4	84.2
	2011	611	84.4	3.2	5.3	7.1	84.4	0.0	0.0	83.7	85.1
Czech Republic	2007	590	57.0	7.5	12.7	18.1	57.0	2.9	1.9	48.5	65.4
	2011	651	67.2	3.6	10.5	16.9	67.2	0.8	1.0	60.5	74.4
Denmark	2007	505	54.9	5.5	12.7	17.3	54.9	3.9	5.8	51.5	58.5
	2011	576	62.8	4.0	11.9	16.4	62.8	2.4	2.5	62.3	63.2
England	2007	632	50.2	5.6	13.3	26.4	50.2	3.2	1.3	49.6	50.8
	2011	483	54.2	6.6	9.3	26.8	54.2	2.3	0.8	52.4	55.7
Georgia	2007	589	54.3	7.3	9.3	16.7	54.3	4.2	8.2	51.8	56.7
	2011	678	47.1	4.6	16.9	24.8	47.1	4.0	2.5	51.1	42.9
Germany	2007	736	64.5	2.0	7.5	19.8	64.5	2.4	3.9	57.2	71.5
	2011	566	60.2	4.4	11.0	20.5	60.2	2.4	1.6	52.6	67.7
Hong Kong SAR	2007	541	75.3	4.1	6.8	12.8	75.3	0.6	0.3	75.7	74.9
	2011	.	.	.	.	.	.	.	.	.	.
Hungary	2007	586	60.0	3.3	7.0	24.1	60.0	2.3	3.3	58.8	61.3
	2011	742	59.2	3.5	11.5	22.3	59.2	2.4	1.1	51.9	67.4
Iran, Islamic Rep. of	2007	536	42.5	7.0	12.9	28.1	42.5	4.3	5.3	44.4	40.5
	2011	821	55.0	8.0	10.9	21.2	55.0	2.6	2.2	55.7	54.3
Italy	2007	640	53.4	6.3	11.3	21.7	53.4	3.0	4.3	50.3	56.5
	2011	597	53.7	5.3	13.0	22.8	53.7	3.3	2.0	45.7	62.7
Japan	2007	638	65.6	4.4	9.4	19.4	65.6	0.1	1.1	60.3	71.0
	2011	626	74.1	4.9	7.1	13.2	74.1	0.4	0.3	73.2	75.0
Kuwait	2007	520	26.0	4.1	18.6	31.7	26.0	8.8	10.7	27.2	24.6
	2011	570	23.2	9.5	24.1	33.0	23.2	6.1	4.0	27.2	18.7
Lithuania	2007	571	75.8	6.5	7.9	8.6	75.8	0.7	0.6	71.4	80.3
	2011	670	75.3	2.1	8.6	12.1	75.3	1.6	0.3	78.7	72.1
Netherlands	2007	481	64.1	4.2	11.3	16.9	64.1	0.8	2.7	62.1	66.0
	2011	457	69.3	5.4	8.2	14.2	69.3	1.3	1.5	69.1	69.3
New Zealand	2007	720	41.9	6.9	17.2	28.3	41.9	3.3	2.4	39.2	44.8
	2011	785	41.6	4.5	17.9	31.7	41.6	2.8	1.5	35.5	47.0
Norway	2007	588	41.7	3.2	15.6	29.4	41.7	3.6	6.6	36.0	48.3
	2011	461	56.1	4.3	14.5	18.1	56.1	4.3	2.7	55.7	56.7
Russian Federation	2007	644	79.8	3.8	3.1	8.9	79.8	2.1	2.3	82.1	77.7
	2011	630	80.2	4.1	5.5	8.9	80.2	0.4	1.0	79.6	80.7
Singapore	2007	714	67.6	6.9	7.3	17.4	67.6	0.3	0.6	67.0	68.2
	2011	906	69.3	5.1	8.4	16.7	69.3	0.4	0.1	70.1	68.5
Slovak Republic	2007	714	59.9	4.6	14.9	14.6	59.9	2.1	3.8	59.5	60.3
	2011	816	60.8	5.6	13.9	16.1	60.8	2.3	1.3	54.7	66.9
Slovenia	2007	623	49.5	5.5	14.5	22.8	49.5	3.8	3.8	46.7	51.9
	2011	642	62.5	3.7	9.5	21.3	62.5	1.2	1.8	55.6	68.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M01_08 (M031185): Number / Reasoning

Label: Distance between towns using map - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	662	55.0	5.4	14.5	20.5	55.0	0.7	4.0	52.4	57.8
	2011	666	56.9	4.6	14.5	20.6	56.9	1.9	1.5	52.6	61.0
Tunisia	2007	591	22.9	2.6	18.4	29.2	22.9	6.7	20.3	25.1	20.9
	2011	686	30.7	3.4	20.9	34.0	30.7	3.9	7.1	30.4	31.0
United States	2007	1132	53.4	6.4	13.0	22.9	53.4	1.9	2.5	51.7	55.2
	2011	1790	59.1	6.6	10.6	21.3	59.1	2.1	0.4	56.8	61.4
International Avg. (25)	2007	15818	56.4	4.9	11.5	20.3	56.4	2.8	4.1	54.1	58.7
	2011	16985	58.5	4.8	12.3	20.5	58.5	2.2	1.6	56.1	60.9
Alberta, Canada	2007	564	45.0	5.5	16.6	27.6	45.0	3.7	1.7	37.3	52.9
	2011	527	43.1	7.8	15.0	30.5	43.1	2.0	1.5	37.3	49.5
Ontario, Canada	2007	504	51.4	5.1	11.7	25.9	51.4	3.4	2.5	46.6	55.8
	2011	653	50.0	9.0	11.6	26.3	50.0	1.2	2.0	45.4	54.1
Quebec, Canada	2007	577	50.2	5.7	9.0	28.5	50.2	3.7	3.0	45.1	56.4
	2011	601	56.8	6.4	9.2	24.7	56.8	1.9	1.0	50.1	64.5
Dubai, UAE	2007	433	41.3	7.1	13.3	28.5	41.3	6.1	3.7	37.7	44.6
	2011	886	42.0	8.3	13.0	32.6	42.0	2.8	1.3	37.7	45.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M03_01 (M041010): Number / Knowing
Label: Place value of 8 - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	589	76.2	2.5	3.9	76.2	14.0	3.0	0.3	78.6	73.9
	2011	885	75.2	4.1	3.1	75.2	16.6	0.9	0.1	74.8	75.7
Austria	2007	696	88.8	2.0	2.2	88.8	6.9	0.1	0.0	89.8	87.9
	2011	669	87.3	1.2	2.2	87.3	7.9	1.4	0.0	87.5	87.1
Chinese Taipei	2007	593	87.3	1.1	0.9	87.3	10.0	0.7	0.0	87.3	87.3
	2011	613	90.2	0.5	0.6	90.2	8.4	0.2	0.0	91.5	89.1
Czech Republic	2007	593	62.1	4.9	1.9	62.1	21.6	9.0	0.5	58.0	65.2
	2011	656	68.0	4.2	2.6	68.0	17.0	8.2	0.0	67.1	68.8
Denmark	2007	512	65.8	2.3	2.5	65.8	19.0	9.8	0.5	62.6	69.1
	2011	559	70.9	1.6	3.1	70.9	18.3	5.5	0.6	68.6	73.2
England	2007	616	70.0	5.7	4.4	70.0	16.8	2.5	0.5	75.4	64.8
	2011	473	68.5	5.7	3.8	68.5	20.7	0.9	0.5	72.8	64.5
Georgia	2007	580	63.4	6.9	4.7	63.4	20.0	2.4	2.5	61.1	65.4
	2011	687	75.8	5.6	3.6	75.8	13.5	1.3	0.3	76.5	75.1
Germany	2007	748	71.9	4.6	1.5	71.9	16.8	5.1	0.1	68.9	74.4
	2011	566	69.8	3.0	1.5	69.8	18.9	6.8	0.0	69.6	69.9
Hong Kong SAR	2007	538	86.4	1.6	4.7	86.4	6.8	0.5	0.0	88.3	84.9
	2011	573	74.7	3.2	8.9	74.7	12.1	1.0	0.0	75.1	74.4
Hungary	2007	579	65.8	9.4	4.5	65.8	14.0	6.1	0.2	69.6	62.2
	2011	743	65.8	9.1	3.0	65.8	15.6	6.2	0.4	68.3	63.4
Iran, Islamic Rep. of	2007	544	40.7	13.6	5.1	40.7	35.6	4.2	0.8	41.5	40.0
	2011	830	55.1	9.6	6.0	55.1	26.0	3.3	0.1	54.2	55.9
Italy	2007	635	69.7	3.1	3.4	69.7	18.6	5.0	0.2	68.0	71.3
	2011	598	73.9	2.7	2.1	73.9	17.5	3.1	0.6	74.6	73.4
Japan	2007	644	84.3	1.7	1.4	84.3	11.4	0.9	0.2	84.0	84.6
	2011	638	83.6	1.0	1.9	83.6	12.6	0.6	0.4	84.6	82.6
Kuwait	2007	538	64.5	5.9	8.1	64.5	16.4	4.5	0.7	70.9	57.3
	2011	584	38.8	12.2	12.7	38.8	29.4	5.8	1.0	39.7	37.8
Lithuania	2007	577	68.7	2.7	2.4	68.7	18.2	8.0	0.0	67.8	69.7
	2011	669	69.8	3.2	4.8	69.8	19.1	3.2	0.0	70.6	69.0
Netherlands	2007	471	84.9	3.7	2.1	84.9	8.5	0.7	0.0	85.7	84.1
	2011	459	87.0	2.0	2.9	87.0	7.5	0.7	0.0	88.3	85.9
New Zealand	2007	690	69.3	5.0	3.6	69.3	18.9	3.0	0.2	66.6	71.9
	2011	786	69.1	3.3	3.7	69.1	22.6	0.8	0.5	69.7	68.6
Norway	2007	582	59.1	4.0	2.2	59.1	31.9	1.8	1.1	58.6	59.6
	2011	456	58.2	3.1	3.3	58.2	32.4	2.8	0.2	54.1	62.7
Russian Federation	2007	640	85.2	2.5	1.5	85.2	9.1	1.5	0.3	87.8	82.4
	2011	633	90.2	1.3	0.5	90.2	7.1	0.9	0.0	92.1	88.2
Singapore	2007	726	95.7	1.0	1.4	95.7	1.8	0.0	0.1	96.3	95.2
	2011	909	95.6	0.2	1.4	95.6	2.5	0.3	0.0	96.3	94.9
Slovak Republic	2007	701	78.0	3.7	2.6	78.0	12.0	3.1	0.6	74.5	81.4
	2011	801	79.7	3.3	2.1	79.7	13.1	1.7	0.1	78.1	81.2
Slovenia	2007	612	50.0	8.6	3.7	50.0	31.0	6.0	0.8	44.2	56.1
	2011	637	53.9	6.7	4.4	53.9	24.4	10.5	0.1	45.5	60.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M03_01 (M041010): Number / Knowing
Label: Place value of 8 - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	84.7	1.5	1.4	84.7	10.5	1.6	0.4	83.5	85.8
	2011	662	87.3	2.1	0.9	87.3	7.3	2.1	0.3	86.7	87.9
Tunisia	2007	585	47.0	6.8	7.8	47.0	21.1	14.3	3.0	46.4	47.6
	2011	695	56.0	8.0	8.0	56.0	17.6	9.6	0.9	56.4	55.5
United States	2007	1135	87.1	2.6	2.0	87.1	7.2	0.6	0.4	85.5	88.7
	2011	1798	87.5	1.9	1.8	87.5	8.0	0.7	0.2	87.3	87.6
International Avg. (25)	2007	15790	72.3	4.3	3.2	72.3	15.9	3.8	0.5	72.0	72.4
	2011	17579	73.3	3.9	3.6	73.3	15.8	3.1	0.2	73.2	73.3
Alberta, Canada	2007	583	66.1	3.8	5.7	66.1	21.5	2.7	0.3	58.9	73.4
	2011	521	69.5	3.7	3.3	69.5	22.1	1.2	0.1	64.8	74.2
Ontario, Canada	2007	505	63.6	4.3	3.7	63.6	24.1	3.5	0.8	59.2	67.7
	2011	670	66.0	2.9	3.4	66.0	26.3	1.2	0.2	68.0	63.9
Quebec, Canada	2007	531	84.6	0.8	1.1	84.6	11.8	1.5	0.2	82.8	86.5
	2011	582	85.7	1.1	1.5	85.7	10.3	1.4	0.0	83.0	88.3
Dubai, UAE	2007	429	68.3	6.5	4.8	68.3	18.0	2.4	0.0	69.5	67.1
	2011	884	69.1	2.7	4.3	69.1	20.7	2.7	0.5	69.8	68.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M03_02 (M041098): Number / Applying
Label: How many cans must Sean buy - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	589	51.9	3.5	8.7	32.4	51.9	3.0	0.5	51.3	52.4
	2011	885	56.3	2.9	9.7	29.8	56.3	1.1	0.1	53.8	59.1
Austria	2007	696	39.4	6.3	4.9	46.9	39.4	2.6	0.0	37.0	41.5
	2011	669	37.4	4.1	5.3	51.4	37.4	1.7	0.0	34.2	40.9
Chinese Taipei	2007	593	74.1	1.3	4.3	19.7	74.1	0.5	0.0	71.1	76.6
	2011	613	76.9	1.5	3.3	18.1	76.9	0.2	0.0	72.8	80.7
Czech Republic	2007	593	44.2	4.8	6.0	40.3	44.2	4.2	0.5	37.2	49.7
	2011	656	48.1	4.7	6.3	38.5	48.1	2.3	0.0	43.5	52.1
Denmark	2007	511	57.5	4.2	8.5	25.9	57.5	3.4	0.5	58.3	56.8
	2011	559	63.1	2.2	4.8	26.9	63.1	2.3	0.7	61.0	65.3
England	2007	616	67.0	4.0	6.0	21.9	67.0	0.6	0.5	71.4	62.6
	2011	473	64.8	3.1	5.8	25.3	64.8	0.5	0.5	69.0	61.0
Georgia	2007	580	35.6	10.3	6.0	40.9	35.6	4.8	2.5	30.4	40.1
	2011	687	33.2	6.4	5.0	52.0	33.2	3.0	0.3	35.5	30.8
Germany	2007	748	53.6	4.0	4.2	36.2	53.6	1.9	0.1	52.0	54.9
	2011	566	55.7	3.8	6.9	32.2	55.7	1.4	0.0	56.0	55.5
Hong Kong SAR	2007	538	81.0	2.0	4.7	12.0	81.0	0.3	0.0	80.1	81.8
	2011	573	75.9	1.9	6.4	15.0	75.9	0.8	0.0	74.3	77.3
Hungary	2007	579	38.5	8.0	5.6	44.5	38.5	3.0	0.4	34.2	42.5
	2011	741	40.5	6.1	9.0	41.4	40.5	2.7	0.4	38.9	42.1
Iran, Islamic Rep. of	2007	544	20.7	13.1	9.7	50.4	20.7	5.2	0.8	21.9	19.9
	2011	830	24.8	10.8	10.5	49.5	24.8	4.3	0.1	23.8	25.8
Italy	2007	632	41.7	4.6	7.5	41.9	41.7	4.0	0.3	41.4	42.0
	2011	598	34.7	5.2	7.1	50.3	34.7	2.0	0.6	32.1	36.8
Japan	2007	644	66.7	4.1	5.6	22.8	66.7	0.7	0.2	63.2	69.9
	2011	638	69.3	3.6	4.6	21.5	69.3	0.6	0.4	67.1	71.6
Kuwait	2007	538	23.5	15.5	14.3	37.8	23.5	8.0	0.9	26.9	19.7
	2011	586	26.3	16.9	15.8	33.2	26.3	6.8	1.0	28.6	23.7
Lithuania	2007	577	54.7	1.9	6.2	36.1	54.7	1.1	0.0	53.6	55.8
	2011	669	48.9	3.0	5.8	41.4	48.9	0.8	0.0	47.4	50.4
Netherlands	2007	471	75.6	1.9	4.5	17.4	75.6	0.6	0.0	73.8	77.6
	2011	459	73.9	2.6	3.7	19.4	73.9	0.4	0.0	74.2	73.5
New Zealand	2007	690	49.0	5.0	10.3	33.6	49.0	1.7	0.4	47.8	50.2
	2011	786	41.7	5.0	11.1	41.1	41.7	0.7	0.5	44.5	38.8
Norway	2007	582	46.6	7.8	12.6	28.5	46.6	3.4	1.1	43.9	48.9
	2011	456	37.2	8.1	17.4	33.9	37.2	3.3	0.2	31.8	43.0
Russian Federation	2007	640	45.3	4.1	3.8	44.8	45.3	1.0	1.0	46.3	44.2
	2011	633	39.7	3.2	7.0	47.8	39.7	2.3	0.0	38.8	40.7
Singapore	2007	726	66.2	2.2	4.5	27.0	66.2	0.0	0.1	63.8	68.6
	2011	909	66.2	2.6	5.5	25.2	66.2	0.5	0.0	64.0	68.2
Slovak Republic	2007	701	36.3	4.3	5.0	51.1	36.3	2.7	0.6	34.6	37.9
	2011	801	40.6	3.1	5.4	49.2	40.6	1.6	0.1	40.6	40.5
Slovenia	2007	612	35.6	6.5	7.0	46.5	35.6	3.3	1.1	37.0	34.1
	2011	637	39.6	6.1	9.3	40.1	39.6	4.8	0.1	35.2	43.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M03_02 (M041098): Number / Applying
Label: How many cans must Sean buy - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	61.5	3.5	6.2	26.8	61.5	1.7	0.4	58.4	64.4
	2011	662	59.0	3.3	9.5	25.9	59.0	2.1	0.3	59.6	58.3
Tunisia	2007	585	22.5	18.8	10.7	35.1	22.5	9.3	3.5	24.6	20.8
	2011	692	25.4	15.6	13.7	36.2	25.4	8.2	0.9	29.3	21.7
United States	2007	1135	54.4	3.1	8.0	33.5	54.4	0.6	0.5	50.6	58.1
	2011	1798	52.9	3.0	7.7	34.7	52.9	1.5	0.2	51.6	54.3

International Avg. (25)	2007	15786	49.7	5.8	7.0	34.2	49.7	2.7	0.6	48.4	50.8
	2011	17576	49.3	5.2	7.9	35.2	49.3	2.2	0.3	48.3	50.2

Alberta, Canada	2007	583	53.6	2.7	6.8	33.9	53.6	2.8	0.3	52.3	54.9
	2011	521	54.0	2.8	9.1	33.5	54.0	0.5	0.1	53.8	54.1
Ontario, Canada	2007	505	58.8	3.6	7.3	26.6	58.8	2.7	1.0	62.6	55.2
	2011	670	54.0	5.3	8.5	31.4	54.0	0.7	0.2	54.5	53.5
Quebec, Canada	2007	531	47.2	2.8	8.4	39.1	47.2	2.3	0.2	45.3	49.2
	2011	582	52.0	3.8	8.8	33.8	52.0	1.5	0.0	49.6	54.2
Dubai, UAE	2007	429	42.7	10.0	9.8	33.9	42.7	3.6	0.0	41.3	44.0
	2011	884	41.8	8.4	10.2	35.5	41.8	3.6	0.5	41.4	42.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M03_03 (M041064): Number / Applying

Label: Shade 1/2 of the larger triangle - Points: 1

COUNTRY	YEAR	N	10 %	11 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	589	55.0	21.8	10.3	8.3	4.0	0.5	76.8	77.1	76.4
	2011	885	55.4	18.5	15.2	9.1	1.6	0.1	73.9	71.5	76.6
Austria	2007	696	43.3	14.5	13.4	15.4	13.4	0.0	57.8	56.1	59.4
	2011	669	36.7	21.7	14.3	13.0	14.3	0.0	58.4	53.5	63.8
Chinese Taipei	2007	593	57.1	8.2	30.3	3.7	0.7	0.0	65.3	64.0	66.4
	2011	613	68.2	10.1	16.1	4.3	1.2	0.0	78.3	75.6	80.8
Czech Republic	2007	593	35.1	5.3	13.0	17.6	28.3	0.7	40.4	37.2	42.9
	2011	656	42.8	10.9	23.4	10.7	12.2	0.0	53.7	51.5	55.6
Denmark	2007	512	62.4	16.6	3.9	8.2	8.4	0.5	79.0	76.8	81.3
	2011	559	61.3	10.8	6.1	14.6	6.4	0.9	72.0	72.7	71.3
England	2007	616	66.8	20.0	4.6	5.6	2.5	0.5	86.8	89.9	83.7
	2011	473	62.6	20.0	7.0	8.4	1.5	0.5	82.6	84.9	80.4
Georgia	2007	580	45.9	4.8	19.8	13.5	13.0	3.0	50.7	52.1	49.5
	2011	687	44.9	4.0	33.6	9.4	7.7	0.4	48.9	48.0	49.9
Germany	2007	748	26.2	26.4	13.5	16.9	16.9	0.1	52.7	49.4	55.4
	2011	566	26.4	29.4	12.3	18.8	13.0	0.0	55.9	55.4	56.2
Hong Kong SAR	2007	538	78.7	12.1	6.9	2.1	0.1	0.0	90.9	90.2	91.4
	2011	573	81.8	8.3	6.9	2.2	0.8	0.0	90.2	89.7	90.6
Hungary	2007	579	66.0	10.4	13.3	6.2	3.7	0.4	76.4	76.7	76.1
	2011	743	66.0	5.6	18.7	6.2	3.1	0.4	71.6	72.6	70.7
Iran, Islamic Rep. of	2007	544	25.0	3.1	44.8	16.9	9.1	1.1	28.1	26.2	29.5
	2011	830	32.5	5.9	43.3	12.0	6.3	0.1	38.3	39.7	37.0
Italy	2007	635	51.8	9.2	24.9	6.6	7.1	0.5	60.9	59.7	62.0
	2011	598	48.7	4.3	35.9	6.4	4.2	0.6	52.9	49.6	55.8
Japan	2007	644	53.2	10.7	26.5	8.7	0.7	0.2	63.9	58.4	69.1
	2011	638	51.6	16.1	22.9	7.8	1.3	0.4	67.7	65.1	70.4
Kuwait	2007	538	36.2	2.7	25.1	19.8	15.1	1.1	38.9	42.4	35.0
	2011	593	29.2	4.0	29.2	23.5	12.7	1.4	33.2	34.1	32.2
Lithuania	2007	577	71.0	9.0	14.8	3.4	1.6	0.1	80.0	82.4	77.6
	2011	669	68.2	12.7	14.2	3.6	1.3	0.0	81.0	80.6	81.3
Netherlands	2007	471	67.4	15.8	10.5	5.3	1.0	0.0	83.2	80.1	86.5
	2011	459	70.6	14.5	8.6	5.7	0.7	0.0	85.1	86.2	84.3
New Zealand	2007	690	57.6	19.8	10.4	8.2	3.6	0.4	77.4	79.9	75.0
	2011	786	56.8	21.7	9.0	10.3	1.6	0.5	78.5	81.2	75.8
Norway	2007	582	41.5	9.1	14.1	15.5	18.7	1.1	50.6	46.1	54.4
	2011	456	45.1	8.3	17.2	14.8	14.5	0.2	53.4	48.2	59.0
Russian Federation	2007	640	56.6	6.3	26.8	4.5	4.8	1.0	62.9	64.4	61.4
	2011	633	52.8	7.8	26.7	8.6	4.2	0.0	60.6	57.3	64.0
Singapore	2007	726	71.3	16.2	6.3	5.8	0.2	0.1	87.6	89.1	86.0
	2011	909	72.5	14.9	7.8	4.4	0.3	0.0	87.5	88.2	86.8
Slovak Republic	2007	701	60.0	3.6	17.0	9.5	9.2	0.6	63.7	62.5	64.8
	2011	801	51.5	8.1	19.5	12.6	8.1	0.1	59.6	57.4	61.8
Slovenia	2007	612	55.5	19.3	14.4	7.5	2.2	1.1	74.9	73.8	76.0
	2011	637	58.0	23.2	12.3	3.0	3.4	0.1	81.2	78.0	83.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_03 (M041064): Number / Applying

Label: Shade 1/2 of the larger triangle - Points: 1

COUNTRY	YEAR	N	10 %	11 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	40.0	9.0	10.4	18.7	21.5	0.4	49.0	46.6	51.3
	2011	662	38.6	11.7	14.9	16.7	17.8	0.3	50.3	51.6	49.1
Tunisia	2007	585	6.9	3.3	11.3	33.6	41.2	3.8	10.1	10.3	10.0
	2011	701	10.8	3.0	16.4	35.8	33.1	0.9	13.8	11.3	16.2
United States	2007	1135	57.4	18.9	14.3	7.7	1.2	0.5	76.3	72.9	79.7
	2011	1798	58.8	16.3	15.6	7.8	1.1	0.3	75.1	73.8	76.6
International Avg. (25)	2007	15790	51.5	11.8	16.0	10.8	9.1	0.7	63.4	62.6	64.0
	2011	17594	51.7	12.5	17.9	10.8	6.9	0.3	64.1	63.1	65.2
Alberta, Canada	2007	583	43.5	12.3	30.1	10.3	3.6	0.3	55.7	52.4	59.1
	2011	521	45.8	12.3	27.9	11.8	2.1	0.1	58.1	56.8	59.3
Ontario, Canada	2007	505	50.8	14.1	16.7	12.0	5.4	1.0	64.9	63.8	65.9
	2011	670	52.0	16.9	17.7	10.7	2.4	0.2	69.0	71.9	66.0
Quebec, Canada	2007	531	68.4	12.2	13.0	4.0	2.2	0.2	80.6	78.6	82.8
	2011	582	72.6	12.5	10.4	3.6	1.0	0.0	85.0	80.3	89.5
Dubai, UAE	2007	429	40.0	9.6	28.3	14.9	7.3	0.0	49.5	57.0	42.8
	2011	884	39.4	12.6	29.4	12.3	5.8	0.6	52.0	51.4	52.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_04 (M041003): Number / Knowing
Label: Smallest 3 digit number - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	589	61.5	35.0	3.0	0.5	61.5	60.7	62.2
	2011	885	55.6	42.9	1.4	0.1	55.6	56.9	54.1
Austria	2007	696	48.1	45.8	6.1	0.0	48.1	47.0	49.1
	2011	669	55.6	39.0	5.4	0.0	55.6	58.2	52.9
Chinese Taipei	2007	593	61.9	36.9	1.2	0.0	61.9	63.5	60.5
	2011	613	66.6	32.6	0.7	0.0	66.6	68.2	65.2
Czech Republic	2007	593	48.4	41.4	9.4	0.9	48.4	48.7	48.2
	2011	656	55.2	39.8	4.8	0.2	55.2	54.8	55.6
Denmark	2007	512	41.0	48.9	9.5	0.7	41.0	39.4	42.6
	2011	559	42.2	48.1	8.8	0.9	42.2	44.3	40.0
England	2007	616	70.7	27.7	1.0	0.5	70.7	72.2	69.3
	2011	473	72.1	26.9	0.5	0.5	72.1	72.0	72.2
Georgia	2007	580	51.8	36.4	8.4	3.4	51.8	52.7	51.0
	2011	687	52.2	41.9	5.6	0.4	52.2	55.0	49.1
Germany	2007	748	57.1	38.2	4.2	0.4	57.1	55.2	58.7
	2011	566	54.2	43.3	2.5	0.0	54.2	54.7	53.8
Hong Kong SAR	2007	538	83.2	16.7	0.1	0.0	83.2	85.1	81.5
	2011	573	84.1	15.5	0.4	0.0	84.1	83.2	84.9
Hungary	2007	579	74.1	24.8	0.8	0.4	74.1	72.4	75.6
	2011	742	70.6	27.4	1.6	0.4	70.6	75.6	65.9
Iran, Islamic Rep. of	2007	544	41.4	50.2	7.1	1.3	41.4	47.3	36.7
	2011	830	44.9	50.4	4.5	0.2	44.9	47.4	42.5
Italy	2007	635	39.8	52.2	7.4	0.6	39.8	37.0	42.2
	2011	598	33.8	59.3	6.3	0.6	33.8	29.9	37.2
Japan	2007	644	72.2	26.2	1.3	0.4	72.2	68.9	75.3
	2011	638	72.5	26.3	0.8	0.4	72.5	73.5	71.5
Kuwait	2007	538	14.0	69.4	15.0	1.6	14.0	15.0	12.8
	2011	593	4.6	83.7	10.4	1.4	4.6	4.5	4.6
Lithuania	2007	577	60.2	35.9	3.8	0.1	60.2	60.1	60.3
	2011	669	49.9	45.5	4.6	0.0	49.9	52.4	47.3
Netherlands	2007	471	29.3	67.4	3.1	0.2	29.3	25.9	32.9
	2011	459	23.9	74.4	1.7	0.0	23.9	22.7	25.4
New Zealand	2007	690	49.6	47.2	2.5	0.6	49.6	54.8	44.4
	2011	786	51.1	47.5	0.9	0.5	51.1	55.6	46.4
Norway	2007	582	24.6	67.8	6.0	1.6	24.6	21.7	27.1
	2011	456	38.2	55.4	6.3	0.2	38.2	32.6	44.3
Russian Federation	2007	640	75.1	23.1	0.8	1.0	75.1	80.6	69.3
	2011	633	72.0	25.5	2.4	0.0	72.0	74.8	69.1
Singapore	2007	726	67.2	32.4	0.3	0.1	67.2	69.2	65.1
	2011	909	70.7	29.1	0.2	0.0	70.7	74.5	67.3
Slovak Republic	2007	701	55.0	40.0	4.2	0.9	55.0	56.0	54.0
	2011	801	59.6	36.5	3.8	0.1	59.6	62.2	57.1
Slovenia	2007	612	40.6	53.6	4.6	1.1	40.6	41.4	39.9
	2011	637	45.1	48.7	6.2	0.1	45.1	48.7	42.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_04 (M041003): Number / Knowing
Label: Smallest 3 digit number - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	41.6	48.9	9.0	0.5	41.6	39.8	43.3
	2011	662	40.1	55.0	3.9	1.0	40.1	41.0	39.3
Tunisia	2007	585	17.6	66.0	11.7	4.7	17.6	17.7	17.5
	2011	701	26.7	64.2	8.2	0.9	26.7	29.3	24.3
United States	2007	1135	58.3	39.2	2.0	0.5	58.3	56.6	60.1
	2011	1798	59.5	39.4	0.7	0.4	59.5	60.4	58.6
International Avg. (25)	2007	15790	51.4	42.8	4.9	0.9	51.4	51.6	51.2
	2011	17593	52.0	43.9	3.7	0.3	52.0	53.3	50.8
Alberta, Canada	2007	583	56.4	40.2	3.0	0.4	56.4	57.0	55.8
	2011	521	64.5	34.7	0.2	0.6	64.5	63.1	65.8
Ontario, Canada	2007	505	59.5	34.5	4.9	1.1	59.5	61.6	57.5
	2011	670	60.5	37.5	1.7	0.3	60.5	62.6	58.2
Quebec, Canada	2007	531	59.6	37.0	3.2	0.2	59.6	58.3	61.0
	2011	582	55.7	42.9	1.5	0.0	55.7	54.5	56.8
Dubai, UAE	2007	429	37.5	56.4	6.1	0.0	37.5	43.2	32.4
	2011	884	47.6	48.0	3.6	0.7	47.6	50.0	45.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_05 (M041104): Number / Knowing
Label: Number between 5 and 6 - Points: 1

COUNTRY	YEAR	N	10 %	11 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	589	14.7	53.7	27.5	3.5	0.5	68.4	66.5	70.2
	2011	885	19.4	43.9	34.2	2.4	0.1	63.4	60.7	66.3
Austria	2007	696	13.2	31.2	46.2	9.5	0.0	44.3	39.8	48.5
	2011	669	9.1	28.4	47.6	14.4	0.5	37.5	35.6	39.6
Chinese Taipei	2007	593	63.4	0.8	29.6	6.2	0.0	64.2	62.8	65.4
	2011	613	56.0	2.7	37.0	4.3	0.0	58.7	58.0	59.3
Czech Republic	2007	593	30.7	15.0	43.4	9.9	0.9	45.7	43.3	47.6
	2011	656	35.6	11.0	43.4	9.8	0.2	46.6	43.3	49.5
Denmark	2007	512	41.3	38.0	15.7	4.1	0.8	79.3	78.4	80.3
	2011	559	48.1	33.1	15.5	2.4	1.0	81.1	80.8	81.4
England	2007	616	47.4	33.9	16.0	2.1	0.5	81.3	83.8	78.9
	2011	473	57.5	25.2	14.3	2.5	0.5	82.7	81.5	83.9
Georgia	2007	580	16.7	15.9	47.3	16.3	3.7	32.6	33.1	32.2
	2011	687	21.7	12.3	49.2	16.1	0.5	34.1	30.4	38.1
Germany	2007	748	26.8	34.3	29.4	9.0	0.4	61.1	57.5	64.2
	2011	566	31.1	35.9	23.6	9.3	0.1	67.0	63.8	70.0
Hong Kong SAR	2007	538	77.0	1.7	18.6	2.6	0.0	78.8	75.8	81.3
	2011	573	71.5	2.3	24.3	1.9	0.0	73.8	71.1	76.2
Hungary	2007	579	23.2	28.3	39.6	8.4	0.4	51.6	50.6	52.4
	2011	743	34.9	17.5	40.0	7.3	0.4	52.3	47.7	56.7
Iran, Islamic Rep. of	2007	544	24.9	2.2	59.0	11.9	2.0	27.1	27.2	27.1
	2011	830	24.8	2.1	60.8	12.1	0.2	26.9	19.7	34.1
Italy	2007	635	53.0	1.8	36.8	7.2	1.2	54.7	52.3	56.9
	2011	598	34.5	11.5	46.5	6.7	0.7	46.0	42.0	49.4
Japan	2007	644	60.8	0.3	36.3	2.3	0.4	61.0	54.1	67.4
	2011	638	65.7	0.5	30.7	2.6	0.6	66.2	62.7	69.9
Kuwait	2007	538	1.5	5.2	74.0	17.3	2.1	6.7	7.0	6.4
	2011	592	7.6	5.0	70.8	15.2	1.5	12.6	12.7	12.4
Lithuania	2007	577	42.8	5.0	42.5	9.4	0.4	47.8	45.2	50.4
	2011	669	48.9	2.6	42.6	5.9	0.0	51.5	47.1	55.9
Netherlands	2007	471	14.4	72.5	11.0	1.8	0.3	86.9	86.8	87.0
	2011	459	16.3	71.7	11.3	0.6	0.0	88.0	87.2	89.6
New Zealand	2007	690	19.9	36.8	38.9	3.7	0.7	56.7	56.3	57.1
	2011	786	24.4	30.7	42.8	1.6	0.5	55.1	54.6	55.6
Norway	2007	582	27.8	30.6	34.0	5.5	2.1	58.4	58.4	58.4
	2011	456	33.0	22.3	37.8	6.8	0.2	55.3	49.9	61.1
Russian Federation	2007	640	47.7	8.6	32.4	10.2	1.1	56.3	57.4	55.1
	2011	633	39.1	9.9	40.8	10.2	0.0	49.0	49.6	48.3
Singapore	2007	726	46.7	24.8	27.5	1.0	0.1	71.4	70.1	72.8
	2011	909	60.0	18.7	20.3	0.8	0.2	78.7	78.1	79.3
Slovak Republic	2007	701	34.5	8.7	46.4	9.6	0.9	43.2	40.2	45.9
	2011	801	40.3	4.4	46.3	8.6	0.4	44.7	39.3	50.0
Slovenia	2007	612	26.4	15.9	49.7	6.9	1.1	42.2	40.0	44.5
	2011	637	30.4	9.7	50.6	9.1	0.1	40.1	36.2	43.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_05 (M041104): Number / Knowing
Label: Number between 5 and 6 - Points: 1

COUNTRY	YEAR	N	10 %	11 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	27.9	32.4	29.7	8.7	1.3	60.3	61.5	59.1
	2011	662	46.8	18.6	26.0	7.5	1.0	65.4	66.7	64.0
Tunisia	2007	585	11.2	11.1	59.6	12.8	5.2	22.4	25.2	20.1
	2011	701	25.8	1.7	62.8	8.4	1.2	27.5	27.7	27.4
United States	2007	1135	11.4	45.3	38.9	3.7	0.7	56.7	53.6	59.8
	2011	1798	11.0	45.6	40.8	2.1	0.5	56.6	54.0	59.5

International Avg. (25)	2007	15790	32.2	22.2	37.2	7.3	1.1	54.4	53.1	55.6
	2011	17593	35.8	18.7	38.4	6.8	0.4	54.4	52.0	56.8

Alberta, Canada	2007	583	25.4	32.8	35.6	5.8	0.4	58.2	54.4	62.1
	2011	521	20.0	29.8	46.0	3.4	0.7	49.9	44.4	55.2
Ontario, Canada	2007	505	17.8	36.7	37.0	7.3	1.1	54.6	55.4	53.7
	2011	670	18.1	33.3	44.7	3.2	0.8	51.4	52.0	50.7
Quebec, Canada	2007	531	27.4	24.4	40.7	7.0	0.4	51.8	40.0	64.4
	2011	582	32.8	21.5	41.9	3.8	0.0	54.3	50.6	57.7
Dubai, UAE	2007	429	18.9	22.4	48.5	9.9	0.3	41.3	39.6	42.8
	2011	884	17.6	23.4	52.8	5.4	0.7	41.0	40.4	41.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_06 (M041299): Number / Knowing
Label: Fraction of the cake eaten - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	589	38.9	12.5	43.4	4.3	0.9	38.9	29.6	47.3
	2011	885	36.8	15.5	45.2	2.4	0.1	36.8	31.7	42.3
Austria	2007	696	31.3	11.9	40.9	15.7	0.2	31.3	31.9	30.8
	2011	669	27.5	11.9	37.3	22.7	0.5	27.5	29.0	26.0
Chinese Taipei	2007	593	36.7	28.4	32.7	2.2	0.0	36.7	36.1	37.3
	2011	613	53.7	17.2	27.7	1.3	0.0	53.7	53.9	53.5
Czech Republic	2007	593	11.3	7.9	57.3	22.7	0.9	11.3	9.3	12.8
	2011	656	16.0	11.6	58.9	13.3	0.2	16.0	13.7	17.9
Denmark	2007	512	27.1	19.2	45.2	7.8	0.8	27.1	22.9	31.2
	2011	559	32.4	19.0	42.1	5.2	1.2	32.4	30.2	34.8
England	2007	616	54.7	15.1	26.5	3.1	0.6	54.7	53.4	56.0
	2011	473	50.6	15.4	31.5	1.9	0.5	50.6	47.3	53.7
Georgia	2007	580	12.6	23.5	45.3	14.8	3.9	12.6	10.2	14.8
	2011	687	7.1	21.6	56.8	14.0	0.5	7.1	5.8	8.4
Germany	2007	748	38.3	9.4	41.3	10.5	0.6	38.3	35.8	40.4
	2011	566	40.7	8.9	40.7	9.5	0.1	40.7	38.6	42.6
Hong Kong SAR	2007	538	58.5	13.3	26.4	1.8	0.0	58.5	56.1	60.5
	2011	573	52.9	10.4	36.4	0.4	0.0	52.9	48.1	57.1
Hungary	2007	579	19.8	25.0	48.6	6.1	0.6	19.8	17.0	22.3
	2011	743	19.4	27.5	48.7	4.1	0.4	19.4	17.7	21.1
Iran, Islamic Rep. of	2007	544	5.0	14.2	60.8	17.9	2.1	5.0	7.0	3.4
	2011	830	19.9	19.2	49.2	11.3	0.4	19.9	24.1	15.8
Italy	2007	635	15.7	24.6	45.2	13.3	1.2	15.7	11.3	19.6
	2011	598	11.2	32.9	46.0	9.1	0.7	11.2	9.8	12.4
Japan	2007	644	25.1	42.5	30.8	1.3	0.4	25.1	24.4	25.7
	2011	638	28.2	36.0	34.1	1.1	0.6	28.2	24.8	31.8
Kuwait	2007	538	9.7	14.8	56.7	16.6	2.2	9.7	9.5	10.0
	2011	593	11.5	14.8	57.6	14.3	1.8	11.5	12.8	9.9
Lithuania	2007	577	12.9	22.4	55.1	8.9	0.7	12.9	12.8	13.1
	2011	669	14.4	15.4	61.9	8.2	0.0	14.4	13.8	15.0
Netherlands	2007	471	20.8	34.9	42.1	1.9	0.3	20.8	12.6	29.6
	2011	459	28.4	28.2	42.5	0.9	0.0	28.4	24.8	32.8
New Zealand	2007	690	38.8	13.2	44.6	2.8	0.7	38.8	35.4	42.2
	2011	786	33.1	14.3	50.5	1.6	0.5	33.1	29.5	36.7
Norway	2007	582	10.3	19.5	60.1	7.8	2.3	10.3	7.7	12.6
	2011	456	13.0	27.7	50.8	8.2	0.3	13.0	7.0	19.6
Russian Federation	2007	640	14.7	18.7	59.6	5.9	1.1	14.7	13.6	15.9
	2011	633	13.7	18.8	61.4	6.1	0.0	13.7	12.4	15.0
Singapore	2007	726	84.9	2.0	12.6	0.4	0.1	84.9	88.0	81.8
	2011	909	84.1	2.4	13.1	0.2	0.2	84.1	85.0	83.3
Slovak Republic	2007	701	17.1	9.8	57.8	14.0	1.3	17.1	15.5	18.7
	2011	801	14.6	18.7	56.5	9.9	0.4	14.6	12.3	16.8
Slovenia	2007	612	18.5	8.6	64.9	6.6	1.4	18.5	16.4	20.7
	2011	637	14.2	11.1	63.6	10.7	0.5	14.2	14.1	14.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_06 (M041299): Number / Knowing
Label: Fraction of the cake eaten - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	18.2	10.3	57.2	12.8	1.5	18.2	16.7	19.6
	2011	662	15.7	13.0	58.4	12.0	1.0	15.7	15.5	15.8
Tunisia	2007	585	2.2	2.1	68.5	21.2	6.0	2.2	2.2	2.1
	2011	701	7.6	4.2	69.0	17.2	1.9	7.6	8.1	7.2
United States	2007	1135	35.4	24.1	37.7	2.0	0.8	35.4	30.0	40.6
	2011	1798	34.8	25.7	38.0	0.9	0.5	34.8	31.2	38.8

International Avg. (25)	2007	15790	26.3	17.1	46.4	8.9	1.2	26.3	24.2	28.4
	2011	17594	27.3	17.7	47.1	7.5	0.5	27.3	25.6	28.9

Alberta, Canada	2007	583	18.3	18.3	58.2	4.8	0.4	18.3	14.8	21.9
	2011	521	19.2	21.5	56.9	1.7	0.7	19.2	12.5	25.8
Ontario, Canada	2007	505	29.1	14.7	50.9	4.1	1.2	29.1	26.5	31.5
	2011	670	28.4	14.6	53.8	2.4	0.8	28.4	26.9	30.0
Quebec, Canada	2007	531	26.6	16.3	50.0	6.7	0.4	26.6	20.8	32.7
	2011	582	26.7	14.8	54.2	4.0	0.2	26.7	20.9	32.1
Dubai, UAE	2007	429	15.9	20.2	54.6	9.0	0.3	15.9	15.6	16.2
	2011	884	23.6	22.0	48.5	5.1	0.8	23.6	23.6	23.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_07 (M041329): Geometric Shapes and Measures / Knowing
Label: Which one is a right angle - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	588	56.1	56.1	6.8	6.3	27.7	2.0	1.1	57.6	54.8
	2011	885	59.7	59.7	10.2	2.8	25.9	1.4	0.1	60.4	58.9
Austria	2007	696	75.9	75.9	4.2	3.3	13.3	3.2	0.2	72.4	79.1
	2011	669	74.7	74.7	3.6	4.0	12.4	4.9	0.5	76.6	72.6
Chinese Taipei	2007	593	90.8	90.8	1.2	0.9	4.8	2.2	0.0	90.8	90.9
	2011	613	90.8	90.8	1.0	0.2	4.6	3.3	0.0	92.7	89.1
Czech Republic	2007	593	60.2	60.2	5.4	3.8	25.4	4.2	1.0	57.2	62.6
	2011	656	58.8	58.8	5.1	6.8	25.3	3.9	0.2	57.7	59.6
Denmark	2007	511	76.0	76.0	6.0	2.6	9.6	4.9	0.8	73.4	78.6
	2011	559	76.5	76.5	4.1	2.6	10.6	4.8	1.4	77.9	75.1
England	2007	616	68.4	68.4	4.7	5.1	20.3	0.8	0.6	66.6	70.3
	2011	473	69.1	69.1	3.6	2.8	23.6	0.5	0.5	64.9	72.9
Georgia	2007	580	44.3	44.3	6.2	3.6	37.8	3.8	4.3	42.0	46.4
	2011	684	45.0	45.0	6.7	5.4	36.2	6.1	0.5	46.2	43.8
Germany	2007	748	65.2	65.2	5.8	5.2	18.1	5.1	0.6	66.7	63.8
	2011	566	65.6	65.6	5.7	5.8	16.7	6.1	0.1	66.7	64.6
Hong Kong SAR	2007	538	95.5	95.5	0.4	0.5	1.6	1.9	0.0	97.2	94.1
	2011	573	95.7	95.7	0.0	1.1	1.7	1.5	0.0	95.6	95.7
Hungary	2007	579	68.0	68.0	2.7	3.2	19.9	5.5	0.7	65.0	70.6
	2011	743	70.3	70.3	2.9	3.6	17.6	5.2	0.4	72.9	67.9
Iran, Islamic Rep. of	2007	544	57.2	57.2	4.8	1.9	30.6	3.5	2.1	62.4	53.1
	2011	830	62.6	62.6	3.8	1.6	26.7	4.5	0.8	61.5	63.8
Italy	2007	634	70.2	70.2	4.7	2.9	17.8	2.7	1.7	71.2	69.3
	2011	598	68.1	68.1	6.7	2.0	19.8	2.6	0.7	67.4	68.7
Japan	2007	644	80.0	80.0	7.5	2.8	7.9	1.5	0.4	79.5	80.4
	2011	638	90.5	90.5	3.1	1.1	4.0	0.7	0.6	91.6	89.3
Kuwait	2007	538	41.1	41.1	8.1	4.7	34.9	9.0	2.2	42.6	39.4
	2011	581	35.1	35.1	8.3	7.9	37.8	9.4	1.4	33.9	36.5
Lithuania	2007	577	56.5	56.5	11.9	15.6	12.4	3.1	0.7	56.8	56.1
	2011	669	55.5	55.5	8.7	18.5	15.7	1.6	0.0	56.8	54.3
Netherlands	2007	471	53.7	53.7	5.6	6.5	32.0	1.8	0.3	47.2	60.8
	2011	459	57.7	57.7	7.7	7.2	26.4	1.1	0.0	56.4	59.5
New Zealand	2007	690	47.4	47.4	10.9	13.0	25.2	2.6	0.9	44.8	50.0
	2011	786	37.9	37.9	15.1	16.1	28.8	1.6	0.5	39.1	36.7
Norway	2007	582	56.4	56.4	8.0	9.0	20.8	3.4	2.5	54.1	58.3
	2011	456	62.8	62.8	6.5	5.7	20.7	3.4	0.9	59.8	66.1
Russian Federation	2007	640	76.3	76.3	4.0	4.6	12.0	1.9	1.3	79.7	72.7
	2011	633	74.4	74.4	5.1	4.7	15.1	0.7	0.0	78.9	69.6
Singapore	2007	726	93.2	93.2	1.3	0.4	4.6	0.4	0.1	93.5	92.9
	2011	909	91.2	91.2	1.9	1.3	5.3	0.2	0.2	91.1	91.2
Slovak Republic	2007	701	58.4	58.4	4.9	5.8	23.3	6.1	1.4	58.0	58.8
	2011	801	58.0	58.0	6.2	4.8	28.0	2.5	0.4	56.7	59.3
Slovenia	2007	612	76.4	76.4	3.3	3.0	12.7	3.1	1.5	75.9	76.9
	2011	633	71.8	71.8	5.6	2.0	16.4	3.8	0.5	65.0	77.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M03_07 (M041329): Geometric Shapes and Measures / Knowing
Label: Which one is a right angle - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	59.3	59.3	6.7	5.2	23.7	3.6	1.6	60.9	57.7
	2011	662	62.1	62.1	9.5	3.3	18.2	5.7	1.1	63.6	60.6
Tunisia	2007	585	42.9	42.9	5.6	2.7	15.9	26.2	6.8	42.0	43.6
	2011	679	50.1	50.1	3.4	2.2	20.2	22.0	2.0	54.9	45.5
United States	2007	1135	65.9	65.9	4.6	3.1	23.9	1.7	0.8	60.4	71.3
	2011	1798	68.3	68.3	3.6	1.8	24.2	1.6	0.5	67.3	69.4

International Avg. (25)	2007	15787	65.4	65.4	5.4	4.6	19.0	4.2	1.3	64.7	66.1
	2011	17553	66.1	66.1	5.5	4.6	19.3	4.0	0.5	66.2	65.9

Alberta, Canada	2007	583	55.3	55.3	9.9	9.5	21.5	3.0	0.8	54.6	56.1
	2011	521	44.1	44.1	12.4	15.6	27.0	0.2	0.7	43.9	44.4
Ontario, Canada	2007	505	55.2	55.2	9.1	5.6	25.5	3.5	1.2	55.9	54.5
	2011	670	64.8	64.8	7.1	4.5	21.8	1.0	0.8	64.8	64.9
Quebec, Canada	2007	531	71.9	71.9	4.1	3.7	17.1	2.3	0.9	69.7	74.3
	2011	582	75.4	75.4	2.9	2.9	15.9	2.7	0.2	77.0	73.8
Dubai, UAE	2007	429	52.2	52.2	7.3	6.2	28.8	5.1	0.5	57.6	47.3
	2011	884	49.8	49.8	7.2	6.9	33.2	2.0	0.9	51.6	48.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M03_08 (M041143): Geometric Shapes and Measures / Knowing
Label: Identify shapes in the picture - Points: 2

COUNTRY	YEAR	N	20 %	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	589	70.5	6.4	1.5	18.2	2.2	1.2	76.9	70.5	75.6	65.8
	2011	885	65.3	10.9	2.2	20.8	0.8	0.1	76.1	65.3	66.7	63.7
Austria	2007	696	35.4	16.4	8.3	28.0	11.7	0.2	51.8	35.4	40.1	31.1
	2011	669	40.3	20.7	7.8	20.5	10.1	0.5	61.1	40.3	37.8	43.1
Chinese Taipei	2007	593	61.9	5.2	1.1	30.9	0.8	0.0	67.1	61.9	64.5	59.8
	2011	613	53.8	4.3	1.0	39.0	1.9	0.0	58.1	53.8	53.8	53.8
Czech Republic	2007	593	45.8	16.5	5.0	28.3	3.4	1.0	62.3	45.8	45.9	45.8
	2011	656	52.6	10.9	6.3	27.0	3.1	0.2	63.5	52.6	53.9	51.4
Denmark	2007	512	46.0	4.5	3.9	40.1	4.7	0.8	50.5	46.0	47.6	44.4
	2011	559	54.7	10.9	2.6	26.8	3.3	1.6	65.7	54.7	59.5	49.7
England	2007	616	67.4	14.4	2.3	14.5	0.8	0.6	81.8	67.4	71.2	63.7
	2011	473	69.8	12.7	3.5	11.8	1.7	0.5	82.5	69.8	70.6	69.2
Georgia	2007	580	56.8	8.7	4.1	13.8	12.0	4.6	65.5	56.8	61.4	52.7
	2011	684	60.8	16.6	3.7	12.9	5.0	1.1	77.4	60.8	62.4	59.1
Germany	2007	748	41.4	22.0	10.7	20.7	4.6	0.6	63.4	41.4	43.7	39.5
	2011	566	51.3	21.0	8.4	16.7	2.5	0.1	72.3	51.3	49.4	53.0
Hong Kong SAR	2007	538	71.0	2.1	0.6	25.5	0.8	0.0	73.1	71.0	71.9	70.2
	2011	573	69.1	4.0	0.2	25.7	1.0	0.0	73.1	69.1	70.3	68.0
Hungary	2007	579	54.7	19.3	3.2	18.3	3.6	0.8	74.0	54.7	60.4	49.5
	2011	743	58.8	20.2	3.4	14.8	2.4	0.4	79.0	58.8	63.5	54.4
Iran, Islamic Rep. of	2007	544	39.6	4.2	3.3	33.9	16.1	2.8	43.9	39.6	48.5	32.7
	2011	830	48.1	7.9	4.0	29.7	9.4	0.8	56.1	48.1	55.3	41.1
Italy	2007	635	66.0	11.9	0.8	14.9	4.6	1.7	77.9	66.0	68.7	63.6
	2011	598	60.5	16.2	4.5	16.4	1.7	0.7	76.6	60.5	64.0	57.5
Japan	2007	644	70.0	6.4	1.0	21.7	0.6	0.4	76.4	70.0	70.6	69.5
	2011	638	65.6	12.1	3.1	17.9	0.6	0.7	77.6	65.6	66.1	65.1
Kuwait	2007	538	24.7	8.7	4.8	47.2	12.4	2.2	33.4	24.7	28.1	20.9
	2011	592	26.2	9.0	5.6	47.1	10.0	2.0	35.3	26.2	29.7	22.3
Lithuania	2007	577	34.7	7.7	3.8	51.0	2.0	0.7	42.4	34.7	37.4	31.9
	2011	669	48.0	4.4	2.7	42.3	2.6	0.0	52.4	48.0	52.1	43.8
Netherlands	2007	471	36.5	34.2	8.3	19.2	1.5	0.3	70.7	36.5	36.4	36.5
	2011	459	47.6	30.4	7.2	13.6	1.2	0.0	78.0	47.6	54.4	39.1
New Zealand	2007	690	54.2	15.0	6.6	20.4	3.0	0.9	69.2	54.2	57.4	50.9
	2011	786	54.0	17.2	4.2	23.3	0.9	0.5	71.2	54.0	59.3	48.5
Norway	2007	582	46.3	9.5	5.7	31.7	4.3	2.5	55.8	46.3	44.4	47.9
	2011	456	55.4	19.8	4.4	15.9	3.7	0.9	75.2	55.4	53.2	57.8
Russian Federation	2007	640	74.6	10.2	1.8	8.5	3.5	1.3	84.8	74.6	81.5	67.3
	2011	633	76.4	10.6	0.9	10.9	1.3	0.0	87.0	76.4	79.4	73.3
Singapore	2007	726	81.4	4.1	1.4	12.4	0.6	0.1	85.5	81.4	84.8	78.0
	2011	909	79.0	5.8	1.8	12.6	0.7	0.2	84.7	79.0	83.3	75.1
Slovak Republic	2007	701	58.6	9.9	1.1	25.2	3.7	1.5	68.5	58.6	61.5	55.8
	2011	801	64.3	12.9	3.8	15.6	3.0	0.4	77.2	64.3	65.1	63.4
Slovenia	2007	612	65.6	17.9	1.9	12.2	0.6	1.8	83.5	65.6	70.3	60.7
	2011	637	70.8	14.1	3.0	10.2	1.4	0.5	85.0	70.8	77.2	65.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_08 (M041143): Geometric Shapes and Measures / Knowing
Label: Identify shapes in the picture - Points: 2

COUNTRY	YEAR	N	20 %	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	52.8	14.1	6.2	23.5	1.4	2.0	66.9	52.8	58.0	47.8
	2011	662	53.2	15.9	3.2	23.5	3.1	1.1	69.0	53.2	59.3	46.7
Tunisia	2007	585	19.1	4.1	3.8	50.5	15.3	7.2	23.3	19.1	22.6	16.3
	2011	701	37.7	4.7	8.1	40.5	5.3	3.8	42.4	37.7	46.8	29.0
United States	2007	1135	63.9	9.7	2.2	21.6	1.6	1.0	73.6	63.9	64.3	63.4
	2011	1798	63.5	13.5	2.4	18.5	1.6	0.6	77.0	63.5	63.7	63.2

International Avg. (25)	2007	15790	53.6	11.3	3.7	25.3	4.6	1.4	64.9	53.6	56.7	50.6
	2011	17590	57.1	13.1	3.9	22.2	3.1	0.7	70.1	57.1	59.9	54.3

Alberta, Canada	2007	583	62.3	11.8	1.5	20.1	3.6	0.8	74.0	62.3	64.2	60.3
	2011	520	60.5	14.6	1.7	21.2	1.3	0.7	75.1	60.5	61.0	60.1
Ontario, Canada	2007	505	71.7	9.9	0.3	14.4	2.6	1.2	81.6	71.7	73.8	69.8
	2011	670	67.7	7.5	0.8	21.7	1.5	0.8	75.2	67.7	69.7	65.6
Quebec, Canada	2007	531	53.0	13.4	2.0	28.3	2.0	1.4	66.4	53.0	55.1	50.8
	2011	582	63.5	17.4	1.9	15.9	1.1	0.2	80.9	63.5	65.9	61.2
Dubai, UAE	2007	429	51.6	13.2	5.3	23.2	6.2	0.5	64.8	51.6	60.2	43.7
	2011	884	51.4	18.2	5.0	22.1	2.3	0.9	69.6	51.4	57.2	46.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_09 (M041158): Geometric Shapes and Measures / Applying
Label: Number of boxes in the stack - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	589	75.8	2.6	9.6	75.8	9.6	1.3	1.2	69.6	81.4
	2011	885	73.8	3.3	12.9	73.8	9.5	0.3	0.3	70.2	77.8
Austria	2007	696	70.6	4.2	14.6	70.6	10.2	0.2	0.2	65.1	75.7
	2011	669	73.8	3.0	13.3	73.8	8.4	1.0	0.5	71.8	75.8
Chinese Taipei	2007	593	95.0	0.9	2.9	95.0	1.2	0.0	0.0	96.6	93.7
	2011	613	95.5	0.5	2.6	95.5	0.9	0.5	0.0	94.8	96.1
Czech Republic	2007	593	69.2	3.5	11.9	69.2	12.9	1.5	1.1	64.1	73.1
	2011	656	74.1	2.1	13.5	74.1	9.5	0.5	0.2	71.0	76.8
Denmark	2007	512	73.5	2.2	13.8	73.5	5.5	3.3	1.6	71.0	76.0
	2011	559	76.6	2.8	9.3	76.6	7.5	2.2	1.6	74.0	79.3
England	2007	616	66.9	6.5	13.6	66.9	11.8	0.5	0.6	67.3	66.6
	2011	473	66.6	4.3	14.0	66.6	13.2	1.5	0.5	64.0	68.9
Georgia	2007	580	49.1	7.5	13.5	49.1	19.5	4.5	6.0	49.5	48.8
	2011	687	51.2	6.4	15.1	51.2	22.9	2.7	1.7	46.4	56.4
Germany	2007	748	82.0	2.9	8.8	82.0	3.6	1.6	1.0	79.0	84.5
	2011	566	84.7	2.7	7.6	84.7	3.8	1.0	0.1	79.9	89.0
Hong Kong SAR	2007	538	83.3	1.7	10.0	83.3	4.5	0.5	0.0	80.6	85.6
	2011	573	80.2	2.3	11.3	80.2	5.5	0.7	0.0	75.7	84.1
Hungary	2007	579	72.9	2.5	10.8	72.9	11.6	1.1	1.0	72.2	73.6
	2011	743	69.8	4.9	11.8	69.8	11.2	1.8	0.5	64.9	74.4
Iran, Islamic Rep. of	2007	544	38.2	9.8	13.0	38.2	32.6	2.2	4.1	35.7	40.2
	2011	830	43.6	10.4	10.5	43.6	31.6	2.6	1.3	40.1	47.1
Italy	2007	635	47.8	4.6	10.0	47.8	32.4	2.9	2.3	48.4	47.2
	2011	598	52.2	4.1	9.3	52.2	32.0	1.5	0.8	49.6	54.4
Japan	2007	644	82.2	2.0	11.7	82.2	2.8	1.0	0.4	82.3	82.1
	2011	638	83.7	1.6	11.3	83.7	2.0	0.6	0.7	85.1	82.3
Kuwait	2007	538	33.0	10.8	14.5	33.0	34.7	4.4	2.5	36.0	29.8
	2011	586	31.3	14.5	14.5	31.3	32.7	5.5	1.7	30.0	32.8
Lithuania	2007	577	83.0	3.3	7.9	83.0	4.9	0.3	0.7	82.1	83.8
	2011	669	78.4	3.8	9.5	78.4	7.5	0.7	0.0	72.9	83.8
Netherlands	2007	471	90.3	0.6	6.9	90.3	1.5	0.4	0.3	90.6	90.0
	2011	459	90.1	1.0	6.6	90.1	1.6	0.5	0.2	89.3	91.1
New Zealand	2007	690	67.3	4.6	12.3	67.3	13.7	1.3	0.9	62.6	72.1
	2011	786	63.4	4.0	16.0	63.4	15.0	1.1	0.5	63.1	63.7
Norway	2007	582	60.2	5.0	14.5	60.2	14.7	2.9	2.7	54.2	65.3
	2011	456	73.9	4.1	14.3	73.9	6.3	0.5	1.0	71.9	76.2
Russian Federation	2007	640	73.0	2.1	11.0	73.0	11.5	1.0	1.4	70.2	76.0
	2011	633	67.8	3.7	13.3	67.8	14.3	0.9	0.0	68.9	66.6
Singapore	2007	726	87.2	1.3	6.3	87.2	4.9	0.2	0.1	88.4	85.9
	2011	909	78.1	3.4	9.6	78.1	8.6	0.1	0.2	77.1	79.0
Slovak Republic	2007	701	67.5	4.3	13.2	67.5	12.0	1.4	1.5	66.9	68.0
	2011	801	65.8	3.9	13.4	65.8	15.4	0.9	0.4	57.7	73.7
Slovenia	2007	612	66.8	4.2	15.8	66.8	10.4	0.9	2.0	67.9	65.6
	2011	637	70.1	3.7	16.8	70.1	8.5	0.4	0.5	65.8	73.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M03_09 (M041158): Geometric Shapes and Measures / Applying
Label: Number of boxes in the stack - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	72.8	4.1	13.9	72.8	5.9	1.2	2.0	72.0	73.6
	2011	662	74.0	2.8	14.1	74.0	6.5	1.1	1.4	74.8	73.2
Tunisia	2007	585	29.2	7.7	13.5	29.2	31.6	10.9	7.2	31.0	27.8
	2011	693	31.8	8.9	12.1	31.8	35.6	7.8	3.8	26.6	36.8
United States	2007	1135	67.9	4.7	10.2	67.9	15.4	0.7	1.1	64.3	71.5
	2011	1798	68.8	4.8	10.5	68.8	12.9	2.4	0.6	64.8	73.2
International Avg. (25)	2007	15790	68.2	4.1	11.4	68.2	12.8	1.9	1.7	66.7	69.5
	2011	17579	68.8	4.3	11.7	68.8	12.9	1.6	0.7	66.0	71.4
Alberta, Canada	2007	583	70.6	3.8	12.8	70.6	9.6	2.4	0.8	71.0	70.2
	2011	521	71.8	3.6	12.5	71.8	10.9	0.3	0.9	68.2	75.4
Ontario, Canada	2007	505	63.0	5.9	9.1	63.0	18.8	1.4	1.8	63.7	62.3
	2011	670	70.0	3.0	10.9	70.0	14.9	0.4	0.8	72.5	67.5
Quebec, Canada	2007	531	74.5	2.8	11.3	74.5	8.8	1.2	1.4	68.6	80.7
	2011	582	77.2	2.2	8.8	77.2	10.6	0.8	0.4	74.6	79.6
Dubai, UAE	2007	429	41.4	12.0	9.7	41.4	30.7	5.5	0.7	40.6	42.0
	2011	884	43.1	10.8	10.9	43.1	32.6	1.5	0.9	43.3	43.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M03_10 (M041328): Geometric Shapes and Measures / Applying
Label: Draw reflection of the triangle - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	589	72.3	22.2	4.1	1.4	72.3	68.0	76.2
	2011	885	65.8	33.3	0.6	0.3	65.8	59.8	72.5
Austria	2007	696	65.0	26.4	8.3	0.3	65.0	60.8	68.9
	2011	669	71.9	21.5	6.1	0.5	71.9	72.0	71.7
Chinese Taipei	2007	593	38.4	56.0	5.6	0.0	38.4	39.9	37.2
	2011	613	50.6	45.6	3.8	0.0	50.6	56.0	45.6
Czech Republic	2007	593	53.0	32.4	13.0	1.6	53.0	51.0	54.6
	2011	656	67.8	28.3	3.7	0.2	67.8	66.7	68.7
Denmark	2007	512	89.3	6.3	1.5	2.8	89.3	87.7	91.0
	2011	559	90.0	6.6	1.4	2.0	90.0	90.2	89.9
England	2007	616	72.6	25.5	1.2	0.7	72.6	73.4	71.8
	2011	473	70.4	27.2	1.6	0.8	70.4	71.3	69.5
Georgia	2007	580	16.6	42.9	33.2	7.3	16.6	13.4	19.4
	2011	687	19.1	59.0	20.1	1.8	19.1	20.3	17.8
Germany	2007	748	78.3	17.9	2.1	1.7	78.3	78.6	78.0
	2011	566	82.8	15.0	2.1	0.1	82.8	83.1	82.5
Hong Kong SAR	2007	538	88.1	11.3	0.6	0.0	88.1	88.1	88.2
	2011	573	83.1	15.5	1.1	0.2	83.1	81.0	85.0
Hungary	2007	579	67.0	28.1	3.3	1.6	67.0	66.3	67.7
	2011	743	70.6	27.0	1.1	1.3	70.6	71.5	69.7
Iran, Islamic Rep. of	2007	544	28.0	41.5	25.0	5.5	28.0	29.4	26.9
	2011	830	28.9	48.4	20.9	1.8	28.9	29.1	28.7
Italy	2007	635	68.5	20.7	7.9	2.9	68.5	67.9	69.0
	2011	598	68.6	27.2	2.6	1.6	68.6	69.6	67.8
Japan	2007	644	84.3	14.0	1.2	0.5	84.3	82.8	85.7
	2011	638	86.6	11.9	0.8	0.7	86.6	87.7	85.5
Kuwait	2007	538	9.2	60.9	27.0	2.9	9.2	10.0	8.3
	2011	593	15.6	71.6	10.1	2.6	15.6	20.8	9.7
Lithuania	2007	577	65.4	30.8	2.8	1.0	65.4	60.2	70.7
	2011	669	70.5	26.7	2.5	0.3	70.5	68.7	72.3
Netherlands	2007	471	80.1	18.6	1.0	0.3	80.1	80.1	80.2
	2011	459	72.6	26.5	0.7	0.2	72.6	71.5	73.7
New Zealand	2007	690	68.1	27.9	2.8	1.2	68.1	64.6	71.8
	2011	786	59.6	37.7	2.1	0.7	59.6	55.9	63.5
Norway	2007	582	60.4	31.4	4.1	4.1	60.4	56.7	63.5
	2011	456	74.6	22.7	1.7	1.0	74.6	73.2	76.0
Russian Federation	2007	640	51.9	36.1	10.6	1.5	51.9	57.2	46.1
	2011	633	50.5	43.9	5.6	0.0	50.5	53.0	47.8
Singapore	2007	726	89.0	10.4	0.5	0.1	89.0	88.5	89.6
	2011	909	88.7	10.8	0.3	0.2	88.7	87.2	90.1
Slovak Republic	2007	701	31.9	49.4	16.9	1.9	31.9	31.7	32.0
	2011	801	39.6	52.5	7.4	0.5	39.6	33.6	45.4
Slovenia	2007	612	74.9	20.3	2.5	2.3	74.9	74.3	75.4
	2011	637	77.8	19.2	2.5	0.5	77.8	76.9	78.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_10 (M041328): Geometric Shapes and Measures / Applying
Label: Draw reflection of the triangle - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	47.5	42.5	7.5	2.5	47.5	54.1	41.2
	2011	662	48.4	45.8	4.3	1.6	48.4	46.8	50.0
Tunisia	2007	585	3.1	55.8	33.1	8.0	3.1	2.4	3.7
	2011	701	10.6	63.2	21.4	4.9	10.6	10.1	11.0
United States	2007	1135	52.6	44.6	1.5	1.4	52.6	50.2	54.9
	2011	1798	56.4	39.9	2.9	0.8	56.4	54.2	58.9
International Avg. (25)	2007	15790	58.2	31.0	8.7	2.1	58.2	57.5	58.9
	2011	17594	60.8	33.1	5.1	1.0	60.8	60.4	61.3
Alberta, Canada	2007	583	60.9	33.7	4.6	0.8	60.9	56.9	65.0
	2011	521	53.8	44.3	1.1	0.9	53.8	44.2	63.2
Ontario, Canada	2007	505	67.8	27.8	2.2	2.2	67.8	67.3	68.4
	2011	669	69.7	28.5	1.0	0.8	69.7	68.3	71.2
Quebec, Canada	2007	531	72.9	21.0	3.9	2.1	72.9	66.3	79.9
	2011	582	75.6	22.7	1.2	0.4	75.6	75.3	76.0
Dubai, UAE	2007	429	39.3	42.9	16.7	1.1	39.3	46.8	32.4
	2011	884	42.6	50.8	5.5	1.1	42.6	42.5	42.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_11 (M041155): Geometric Shapes and Measures / Applying
Label: How far does Ruth walk - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	589	57.8	24.4	12.5	57.8	2.0	1.2	2.1	56.2	59.2
	2011	885	51.9	28.3	16.3	51.9	2.5	0.8	0.3	45.7	58.8
Austria	2007	696	51.9	30.9	10.4	51.9	4.9	1.4	0.5	44.8	58.5
	2011	669	55.9	30.6	8.9	55.9	2.3	1.9	0.5	49.2	63.2
Chinese Taipei	2007	593	88.5	3.9	1.0	88.5	6.2	0.3	0.0	87.8	89.0
	2011	613	87.5	5.7	2.9	87.5	3.3	0.7	0.0	86.4	88.5
Czech Republic	2007	593	55.6	30.4	8.6	55.6	1.7	1.2	2.4	48.3	61.3
	2011	656	60.2	28.5	8.1	60.2	2.2	0.8	0.2	53.8	65.7
Denmark	2007	510	53.5	21.7	14.7	53.5	3.3	3.9	2.9	49.9	57.1
	2011	559	54.1	24.7	13.2	54.1	2.0	3.9	2.1	52.8	55.5
England	2007	616	58.4	24.6	9.8	58.4	4.6	1.9	0.7	57.7	59.1
	2011	473	52.8	27.3	14.9	52.8	3.3	0.8	0.9	49.1	56.3
Georgia	2007	580	44.8	20.8	18.4	44.8	3.7	2.5	9.7	42.6	46.7
	2011	680	41.7	23.4	24.6	41.7	4.0	3.1	3.1	39.1	44.5
Germany	2007	748	54.8	24.6	12.5	54.8	3.4	2.9	1.8	51.0	58.1
	2011	566	54.4	23.5	17.0	54.4	3.7	1.3	0.1	47.3	60.7
Hong Kong SAR	2007	538	77.8	5.2	2.8	77.8	13.9	0.3	0.0	76.3	79.0
	2011	573	81.5	4.7	4.6	81.5	8.3	0.7	0.2	80.1	82.7
Hungary	2007	579	50.4	32.3	10.0	50.4	2.6	2.0	2.8	46.6	53.9
	2011	743	49.6	33.1	12.2	49.6	2.4	1.4	1.3	47.8	51.3
Iran, Islamic Rep. of	2007	544	35.2	27.1	18.6	35.2	9.6	2.1	7.4	41.9	30.0
	2011	830	46.2	22.7	17.5	46.2	8.1	3.1	2.4	47.7	44.8
Italy	2007	634	49.2	30.8	11.4	49.2	2.6	2.7	3.2	42.5	55.2
	2011	598	43.8	36.0	14.1	43.8	2.3	2.0	1.8	35.9	50.5
Japan	2007	644	57.8	7.4	10.0	57.8	23.0	1.0	0.8	55.1	60.3
	2011	638	68.1	7.2	8.9	68.1	14.6	0.4	0.7	65.4	71.0
Kuwait	2007	538	22.1	37.1	19.0	22.1	11.0	6.4	4.4	17.7	27.1
	2011	586	21.4	36.4	20.1	21.4	12.5	7.0	2.7	19.5	23.6
Lithuania	2007	577	62.7	19.7	8.8	62.7	6.1	1.8	1.0	59.0	66.6
	2011	669	61.5	19.7	14.3	61.5	3.7	0.5	0.3	61.1	62.0
Netherlands	2007	471	68.2	15.8	14.0	68.2	1.6	0.0	0.3	65.7	71.0
	2011	459	64.8	17.5	15.5	64.8	1.6	0.4	0.2	64.0	66.1
New Zealand	2007	690	50.5	27.4	18.1	50.5	0.8	2.0	1.2	45.3	55.8
	2011	786	44.0	31.9	18.6	44.0	3.2	1.5	0.9	45.1	42.9
Norway	2007	582	43.7	28.9	16.8	43.7	3.5	2.7	4.4	36.7	49.7
	2011	456	40.6	31.4	22.6	40.6	2.1	2.3	1.0	28.1	54.2
Russian Federation	2007	640	63.6	18.5	6.1	63.6	8.1	2.2	1.5	64.6	62.6
	2011	633	68.6	16.9	7.1	68.6	6.5	0.8	0.0	65.5	71.9
Singapore	2007	726	64.6	22.4	9.4	64.6	2.6	0.8	0.1	67.5	61.8
	2011	909	61.5	22.9	11.2	61.5	3.9	0.4	0.2	59.2	63.5
Slovak Republic	2007	701	62.6	23.8	7.7	62.6	3.0	0.6	2.3	58.7	66.3
	2011	801	60.6	25.8	8.4	60.6	2.9	1.8	0.5	56.0	64.9
Slovenia	2007	612	52.7	21.7	18.1	52.7	3.6	1.2	2.6	50.7	54.8
	2011	637	49.8	28.4	17.2	49.8	2.2	1.9	0.5	48.2	51.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M03_11 (M041155): Geometric Shapes and Measures / Applying
Label: How far does Ruth walk - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	61.4	16.0	13.5	61.4	3.3	3.0	2.7	57.0	65.7
	2011	662	57.5	21.7	15.3	57.5	1.9	2.1	1.6	51.3	63.9
Tunisia	2007	585	30.6	32.4	12.5	30.6	6.8	8.6	9.2	30.5	30.7
	2011	695	37.6	30.0	14.4	37.6	6.6	5.3	6.1	39.6	35.7
United States	2007	1135	42.2	39.3	13.0	42.2	2.3	1.7	1.5	40.1	44.2
	2011	1798	43.4	37.1	14.9	43.4	2.0	1.8	0.8	41.9	44.9
International Avg. (25)	2007	15787	54.4	23.5	11.9	54.4	5.4	2.2	2.6	51.8	56.9
	2011	17574	54.4	24.6	13.7	54.4	4.3	1.9	1.1	51.2	57.5
Alberta, Canada	2007	583	49.6	30.6	16.7	49.6	0.6	1.6	0.9	45.7	53.7
	2011	521	43.3	35.1	18.4	43.3	1.1	0.8	1.3	35.3	51.1
Ontario, Canada	2007	505	43.5	32.3	18.2	43.5	2.5	1.4	2.2	46.3	40.8
	2011	670	48.6	30.1	16.8	48.6	1.6	1.9	0.9	46.4	50.8
Quebec, Canada	2007	531	50.0	30.6	13.4	50.0	1.4	2.5	2.2	49.9	50.0
	2011	582	51.3	28.8	16.8	51.3	1.2	1.4	0.4	45.7	56.6
Dubai, UAE	2007	429	30.0	43.2	15.4	30.0	4.9	5.0	1.5	32.2	28.0
	2011	884	35.3	40.9	17.2	35.3	4.3	1.2	1.1	33.4	37.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M03_12 (M041284): Geometric Shapes and Measures / Reasoning
Label: Identify the shapes - Points: 2

COUNTRY	YEAR	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	589	13.2	37.4	42.1	5.1	2.2	50.6	13.2	12.1	14.3
	2011	885	11.7	40.5	46.0	1.4	0.4	52.2	11.7	10.9	12.6
Austria	2007	696	16.1	33.5	43.8	5.9	0.7	49.6	16.1	16.4	15.8
	2011	669	15.2	37.8	41.1	5.5	0.5	53.0	15.2	13.9	16.6
Chinese Taipei	2007	593	20.9	41.9	37.2	0.0	0.0	62.8	20.9	23.3	19.0
	2011	613	25.6	36.8	36.1	1.5	0.0	62.4	25.6	26.8	24.5
Czech Republic	2007	593	13.6	33.5	37.7	12.6	2.6	47.1	13.6	12.6	14.4
	2011	656	14.1	40.6	39.0	6.1	0.2	54.6	14.1	18.4	10.3
Denmark	2007	512	20.0	35.4	34.3	7.1	3.1	55.4	20.0	20.1	20.0
	2011	559	19.6	39.4	32.6	5.9	2.5	59.0	19.6	21.5	17.6
England	2007	616	33.4	40.1	23.4	2.4	0.7	73.5	33.4	34.5	32.3
	2011	473	38.2	35.2	24.0	1.6	1.0	73.4	38.2	36.7	39.5
Georgia	2007	580	3.3	18.4	42.6	25.9	9.8	21.7	3.3	5.3	1.5
	2011	680	4.0	25.8	58.7	8.2	3.3	29.8	4.0	1.5	6.8
Germany	2007	748	20.5	33.1	37.6	6.5	2.2	53.6	20.5	24.1	17.6
	2011	566	21.8	38.0	37.0	3.1	0.1	59.7	21.8	21.4	22.1
Hong Kong SAR	2007	538	35.3	35.7	27.9	1.1	0.0	71.0	35.3	33.2	37.1
	2011	573	32.7	35.6	30.9	0.5	0.2	68.4	32.7	33.6	32.0
Hungary	2007	579	30.0	34.0	29.2	2.9	3.9	64.0	30.0	29.5	30.5
	2011	743	33.7	30.5	32.1	2.0	1.7	64.2	33.7	37.8	29.8
Iran, Islamic Rep. of	2007	544	2.3	18.3	59.2	12.4	7.9	20.5	2.3	1.7	2.7
	2011	830	4.6	18.4	63.1	10.7	3.2	23.0	4.6	4.2	4.9
Italy	2007	635	24.0	36.7	29.6	5.9	3.7	60.8	24.0	21.1	26.7
	2011	598	22.3	29.6	42.8	3.5	1.8	51.9	22.3	19.9	24.3
Japan	2007	644	27.6	43.5	27.0	1.1	0.8	71.2	27.6	28.6	26.8
	2011	638	31.6	40.9	26.3	0.5	0.7	72.5	31.6	32.5	30.6
Kuwait	2007	538	0.6	9.6	62.5	22.6	4.7	10.2	0.6	0.0	1.2
	2011	592	1.8	9.4	68.6	16.5	3.8	11.1	1.8	1.1	2.6
Lithuania	2007	577	15.9	42.0	36.5	3.4	2.2	57.9	15.9	16.4	15.4
	2011	669	16.3	36.8	43.6	3.1	0.3	53.0	16.3	18.3	14.2
Netherlands	2007	471	15.5	38.8	43.2	2.1	0.3	54.3	15.5	15.6	15.5
	2011	459	18.2	36.9	43.8	0.9	0.2	55.1	18.2	18.3	18.1
New Zealand	2007	690	12.8	34.9	45.7	4.9	1.7	47.7	12.8	12.4	13.3
	2011	786	8.5	37.5	49.9	3.3	0.9	45.9	8.5	9.3	7.6
Norway	2007	582	10.0	30.8	47.0	7.6	4.6	40.8	10.0	9.1	10.8
	2011	456	14.7	34.5	42.7	7.1	1.0	49.2	14.7	11.1	18.7
Russian Federation	2007	640	17.3	38.1	36.3	6.4	1.9	55.4	17.3	19.0	15.6
	2011	633	19.6	36.3	38.5	5.5	0.1	55.9	19.6	24.6	14.3
Singapore	2007	726	12.8	48.9	37.4	0.8	0.1	61.7	12.8	15.4	10.2
	2011	909	11.6	52.2	35.7	0.4	0.2	63.8	11.6	12.9	10.5
Slovak Republic	2007	701	17.1	26.4	45.8	8.3	2.4	43.5	17.1	16.0	18.1
	2011	801	13.0	30.9	48.9	6.4	0.8	44.0	13.0	12.0	14.1
Slovenia	2007	612	30.0	36.4	28.7	1.9	2.9	66.4	30.0	32.1	27.8
	2011	637	41.1	29.2	26.6	2.5	0.6	70.3	41.1	38.8	43.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_12 (M041284): Geometric Shapes and Measures / Reasoning
Label: Identify the shapes - Points: 2

COUNTRY	YEAR	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	12.8	37.2	37.8	8.9	3.3	50.0	12.8	12.5	13.0
	2011	662	9.6	41.6	42.6	4.5	1.7	51.2	9.6	11.2	8.0
Tunisia	2007	585	2.1	16.0	60.8	11.3	9.8	18.1	2.1	2.4	1.8
	2011	701	2.0	19.1	64.8	7.5	6.6	21.1	2.0	1.5	2.4
United States	2007	1135	11.6	37.7	46.3	2.6	1.8	49.3	11.6	10.4	12.7
	2011	1798	13.0	36.6	47.2	2.2	1.0	49.6	13.0	13.0	13.0
International Avg. (25)	2007	15790	16.8	33.5	40.0	6.8	2.9	50.3	16.8	16.9	16.6
	2011	17586	17.8	34.0	42.5	4.4	1.3	51.8	17.8	18.1	17.5
Alberta, Canada	2007	583	16.1	41.0	37.6	4.3	1.0	57.1	16.1	16.4	15.8
	2011	521	20.8	38.6	38.3	1.1	1.3	59.3	20.8	16.1	25.4
Ontario, Canada	2007	505	20.8	40.9	32.5	3.7	2.2	61.7	20.8	24.1	17.7
	2011	670	23.2	35.7	37.9	2.2	1.1	58.9	23.2	21.8	24.6
Quebec, Canada	2007	531	23.4	41.6	28.3	4.0	2.8	65.0	23.4	17.1	30.1
	2011	582	26.8	37.7	33.1	1.4	0.9	64.5	26.8	24.5	28.9
Dubai, UAE	2007	429	6.8	26.6	53.2	12.0	1.5	33.4	6.8	8.8	4.9
	2011	884	12.8	28.0	53.7	4.3	1.2	40.8	12.8	11.5	14.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M03_13 (M041335): Data Display / Knowing
Label: Class with fewest choose blue - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	589	70.9	0.5	70.9	1.8	22.3	1.8	2.8	68.7	72.8
	2011	885	69.3	1.6	69.3	4.3	23.7	0.7	0.4	68.8	69.8
Austria	2007	696	89.4	1.1	89.4	2.9	2.8	2.9	0.9	90.4	88.5
	2011	669	92.7	0.6	92.7	2.6	2.2	1.4	0.5	94.1	91.1
Chinese Taipei	2007	593	89.3	1.8	89.3	3.0	5.8	0.1	0.0	90.0	88.7
	2011	613	87.8	1.0	87.8	3.2	6.8	1.0	0.2	89.7	86.1
Czech Republic	2007	593	78.1	2.4	78.1	3.9	9.3	2.2	4.1	80.1	76.5
	2011	656	84.5	2.3	84.5	3.0	8.3	1.4	0.5	80.6	87.9
Denmark	2007	511	80.6	0.8	80.6	2.5	10.1	2.3	3.8	79.0	82.1
	2011	559	75.7	0.3	75.7	3.9	13.9	3.0	3.2	77.6	73.7
England	2007	616	84.6	1.2	84.6	3.0	9.3	1.2	0.8	87.1	82.1
	2011	473	83.3	0.6	83.3	2.9	10.8	1.4	1.0	88.5	78.6
Georgia	2007	580	47.6	4.8	47.6	13.6	19.0	3.8	11.3	44.8	50.0
	2011	687	62.1	6.6	62.1	12.9	13.6	0.9	4.0	63.1	61.0
Germany	2007	748	87.7	0.6	87.7	3.6	1.9	2.9	3.3	87.5	87.8
	2011	566	93.7	1.0	93.7	2.6	1.9	0.6	0.1	94.5	93.0
Hong Kong SAR	2007	538	90.8	1.8	90.8	3.6	3.2	0.5	0.0	95.8	86.6
	2011	573	91.0	0.6	91.0	5.3	2.3	0.6	0.2	93.6	88.6
Hungary	2007	579	84.2	1.3	84.2	3.2	3.2	3.3	4.7	85.5	83.0
	2011	743	84.3	1.4	84.3	3.9	5.9	2.7	1.8	86.5	82.3
Iran, Islamic Rep. of	2007	544	61.6	5.8	61.6	10.6	9.7	2.6	9.7	72.4	53.0
	2011	830	69.3	3.8	69.3	10.3	10.8	2.3	3.5	71.8	66.9
Italy	2007	632	78.0	1.7	78.0	5.6	8.8	1.6	4.2	78.0	77.9
	2011	598	81.6	1.6	81.6	4.8	9.2	0.8	2.0	82.1	81.1
Japan	2007	644	86.7	0.5	86.7	3.9	6.7	1.2	1.1	88.8	84.7
	2011	638	91.4	0.3	91.4	3.4	3.7	0.4	0.7	94.4	88.2
Kuwait	2007	538	44.8	8.2	44.8	12.5	23.0	5.2	6.4	52.0	36.8
	2011	584	48.9	7.9	48.9	11.8	22.2	4.9	4.3	57.9	38.4
Lithuania	2007	577	86.1	1.1	86.1	5.3	3.2	1.7	2.6	89.3	82.8
	2011	669	89.2	1.1	89.2	5.1	3.5	0.8	0.4	89.8	88.6
Netherlands	2007	471	83.1	0.7	83.1	5.4	9.6	0.5	0.7	83.2	83.0
	2011	459	83.6	1.4	83.6	3.9	10.0	1.0	0.2	85.2	81.5
New Zealand	2007	690	63.7	2.2	63.7	4.8	24.7	2.9	1.7	64.9	62.5
	2011	786	62.4	1.6	62.4	4.5	28.8	1.6	1.1	70.2	54.2
Norway	2007	580	68.3	1.4	68.3	4.9	17.7	2.7	5.1	71.4	65.6
	2011	456	75.5	2.2	75.5	1.9	17.1	1.8	1.6	81.4	69.0
Russian Federation	2007	640	82.9	1.7	82.9	5.3	5.6	2.1	2.4	86.7	78.7
	2011	633	88.2	2.0	88.2	6.1	1.8	1.7	0.1	89.0	87.4
Singapore	2007	726	91.8	1.1	91.8	3.5	3.4	0.0	0.1	92.7	91.0
	2011	909	90.8	1.2	90.8	3.8	3.8	0.2	0.2	91.7	90.0
Slovak Republic	2007	701	81.5	2.6	81.5	4.5	6.8	1.9	2.8	81.7	81.3
	2011	801	85.3	2.4	85.3	5.6	4.9	0.6	1.0	85.7	85.0
Slovenia	2007	612	85.0	1.1	85.0	4.3	4.8	1.6	3.3	86.3	83.7
	2011	634	87.8	0.5	87.8	3.0	7.3	0.8	0.6	87.9	87.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M03_13 (M041335): Data Display / Knowing
Label: Class with fewest choose blue - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	87.7	0.7	87.7	3.3	3.6	0.6	4.1	89.9	85.5
	2011	662	89.1	0.7	89.1	1.7	6.0	0.7	1.8	91.4	86.6
Tunisia	2007	585	39.4	6.0	39.4	17.1	16.1	10.0	11.5	40.2	38.7
	2011	689	48.7	6.2	48.7	16.5	13.1	7.6	7.8	51.9	45.6
United States	2007	1135	86.9	1.4	86.9	2.8	5.1	1.7	2.2	85.4	88.3
	2011	1798	88.6	1.9	88.6	3.4	4.3	0.8	1.0	88.1	89.2
International Avg. (25)	2007	15784	77.2	2.1	77.2	5.4	9.4	2.3	3.6	78.9	75.7
	2011	17570	80.2	2.0	80.2	5.2	9.4	1.6	1.5	82.2	78.1
Alberta, Canada	2007	583	86.2	2.4	86.2	1.8	6.6	2.0	1.0	87.7	84.6
	2011	521	84.4	1.0	84.4	2.6	10.0	0.5	1.4	85.0	83.8
Ontario, Canada	2007	505	87.6	0.6	87.6	1.9	5.6	1.6	2.5	87.4	87.8
	2011	670	84.4	1.3	84.4	2.7	8.8	1.7	1.1	85.3	83.6
Quebec, Canada	2007	531	79.0	1.1	79.0	5.7	8.1	2.7	3.3	81.4	76.5
	2011	582	87.5	0.6	87.5	4.3	5.4	1.3	0.9	89.4	85.6
Dubai, UAE	2007	429	66.4	2.7	66.4	6.2	19.2	2.9	2.6	70.0	63.0
	2011	884	72.6	2.8	72.6	6.3	15.1	1.8	1.4	78.8	66.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M03_14 (M041184): Data Display / Reasoning

Label: Comparing pie chart with bar chart - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	589	80.3	80.3	7.6	2.4	2.9	3.9	2.9	80.4	80.1
	2011	885	80.9	80.9	7.5	3.8	4.9	2.5	0.4	79.6	82.4
Austria	2007	696	75.8	75.8	5.5	2.9	2.8	10.7	2.2	77.4	74.4
	2011	669	78.6	78.6	5.0	3.2	2.8	9.4	1.0	78.6	78.7
Chinese Taipei	2007	593	85.9	85.9	4.8	1.5	3.2	4.4	0.1	88.5	83.8
	2011	613	86.7	86.7	5.7	2.1	1.7	2.8	1.0	87.6	85.9
Czech Republic	2007	593	63.7	63.7	8.4	2.8	3.3	16.8	5.0	61.0	65.7
	2011	656	72.3	72.3	8.7	4.6	4.2	8.8	1.4	73.9	70.9
Denmark	2007	507	78.3	78.3	3.4	0.8	2.4	9.8	5.3	78.2	78.4
	2011	559	81.0	81.0	3.5	1.9	1.9	7.8	4.0	84.4	77.5
England	2007	616	81.5	81.5	5.6	3.2	4.3	4.5	0.9	83.6	79.4
	2011	473	75.9	75.9	8.7	4.7	4.6	4.7	1.4	77.5	74.5
Georgia	2007	580	50.4	50.4	10.0	5.1	6.8	15.2	12.5	53.3	47.8
	2011	687	61.1	61.1	9.1	4.9	8.0	13.0	4.0	61.2	61.0
Germany	2007	748	76.2	76.2	5.6	2.7	2.3	9.2	4.0	76.3	76.1
	2011	566	83.0	83.0	5.1	1.5	1.2	8.6	0.6	86.9	79.5
Hong Kong SAR	2007	538	89.1	89.1	3.5	2.1	3.7	1.3	0.2	89.4	88.9
	2011	573	88.0	88.0	6.0	1.5	2.4	1.6	0.4	88.4	87.7
Hungary	2007	579	72.8	72.8	6.8	2.3	1.9	9.9	6.2	75.1	70.7
	2011	743	75.6	75.6	7.1	3.8	4.2	6.4	2.9	78.7	72.7
Iran, Islamic Rep. of	2007	544	49.2	49.2	13.9	5.9	3.9	15.6	11.5	59.1	41.4
	2011	830	55.3	55.3	10.5	5.6	6.9	17.1	4.7	57.5	53.1
Italy	2007	623	70.4	70.4	7.2	2.8	2.8	11.2	5.6	68.3	72.3
	2011	598	80.9	80.9	4.9	2.4	4.6	4.6	2.6	80.2	81.5
Japan	2007	644	89.5	89.5	4.4	0.6	2.0	1.9	1.7	91.2	87.9
	2011	638	92.1	92.1	2.4	1.9	1.8	0.8	0.8	94.3	89.8
Kuwait	2007	538	38.0	38.0	11.2	9.5	9.1	22.9	9.3	43.8	31.5
	2011	578	46.1	46.1	15.7	11.4	8.5	12.3	5.8	50.4	41.1
Lithuania	2007	577	72.2	72.2	7.8	4.2	3.1	9.4	3.5	77.8	66.4
	2011	669	77.3	77.3	8.3	4.9	3.4	5.8	0.4	79.2	75.3
Netherlands	2007	471	81.3	81.3	4.4	2.3	4.7	6.3	1.0	81.7	80.9
	2011	459	80.1	80.1	6.2	5.7	5.0	2.6	0.5	79.6	80.5
New Zealand	2007	690	73.3	73.3	9.4	4.9	2.1	7.3	3.1	71.4	75.2
	2011	784	73.2	73.2	9.6	4.8	5.0	5.9	1.5	79.3	66.9
Norway	2007	582	62.5	62.5	9.2	4.3	3.4	14.3	6.3	64.1	61.1
	2011	456	71.6	71.6	6.7	3.7	2.2	13.0	2.7	70.7	72.6
Russian Federation	2007	640	82.0	82.0	2.7	4.1	3.1	4.3	3.7	83.8	80.2
	2011	633	85.8	85.8	6.4	3.4	1.4	2.1	0.9	88.0	83.4
Singapore	2007	726	88.2	88.2	6.7	1.5	2.5	0.9	0.1	88.1	88.4
	2011	909	88.6	88.6	4.6	2.7	2.9	0.8	0.3	90.7	86.8
Slovak Republic	2007	701	66.3	66.3	9.8	4.1	1.9	13.3	4.5	65.4	67.1
	2011	801	77.8	77.8	7.1	3.8	2.8	7.3	1.2	75.1	80.4
Slovenia	2007	612	73.6	73.6	6.7	3.1	3.1	9.4	4.1	75.0	72.2
	2011	632	82.0	82.0	5.7	3.9	2.0	5.6	0.8	82.8	81.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M03_14 (M041184): Data Display / Reasoning

Label: Comparing pie chart with bar chart - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	666	67.1	67.1	3.2	2.0	0.9	22.6	4.2	71.2	63.1
	2011	662	71.0	71.0	4.7	1.1	1.6	19.5	2.0	71.9	70.1
Tunisia	2007	585	23.7	23.7	8.0	8.6	6.6	36.6	16.6	27.1	20.9
	2011	676	32.2	32.2	12.2	8.0	6.7	28.9	12.0	34.6	29.9
United States	2007	1135	80.4	80.4	6.6	4.1	3.0	2.9	2.8	80.1	80.7
	2011	1798	83.1	83.1	6.3	3.6	2.9	2.9	1.3	84.8	81.2
International Avg. (25)	2007	15773	70.9	70.9	6.9	3.5	3.4	10.6	4.7	72.5	69.4
	2011	17547	75.2	75.2	7.1	4.0	3.7	7.8	2.2	76.6	73.8
Alberta, Canada	2007	583	81.5	81.5	7.8	2.6	2.7	3.4	1.9	82.3	80.7
	2011	521	82.6	82.6	5.7	3.5	2.1	4.4	1.7	84.8	80.4
Ontario, Canada	2007	505	83.7	83.7	4.2	3.7	1.8	3.5	3.1	85.1	82.3
	2011	670	80.2	80.2	7.3	3.3	2.5	4.9	1.8	81.1	79.3
Quebec, Canada	2007	531	75.7	75.7	6.5	1.6	2.3	9.5	4.5	74.9	76.5
	2011	582	77.1	77.1	7.5	2.9	2.5	8.9	1.1	77.6	76.6
Dubai, UAE	2007	429	59.1	59.1	14.3	5.3	4.0	14.3	2.9	63.4	55.1
	2011	884	69.9	69.9	11.2	5.3	4.4	7.8	1.5	70.6	69.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M05_01 (M031128): Number / Knowing
Label: 5631 plus 286 - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	580	53.1	43.8	2.1	1.0	53.1	55.0	50.9
	2011	865	56.8	41.5	1.4	0.2	56.8	55.9	57.9
Austria	2007	688	78.5	20.5	1.0	0.0	78.5	82.9	73.9
	2011	664	76.7	22.6	0.7	0.0	76.7	80.4	73.0
Chinese Taipei	2007	590	94.9	4.8	0.3	0.0	94.9	93.8	96.0
	2011	610	92.8	7.2	0.0	0.0	92.8	94.5	91.3
Czech Republic	2007	607	67.2	31.5	1.4	0.0	67.2	68.7	65.8
	2011	663	71.9	26.1	1.7	0.3	71.9	74.8	69.2
Denmark	2007	491	78.9	18.8	2.2	0.1	78.9	80.4	77.5
	2011	564	76.6	21.5	1.0	0.9	76.6	77.5	75.7
England	2007	631	68.6	27.9	3.6	0.0	68.6	73.0	64.1
	2011	491	67.1	31.1	0.8	1.0	67.1	69.9	64.5
Georgia	2007	580	77.7	19.2	2.5	0.7	77.7	83.7	71.6
	2011	675	74.0	22.8	3.1	0.2	74.0	79.6	69.5
Germany	2007	745	73.7	23.8	2.5	0.0	73.7	73.6	73.8
	2011	571	71.2	26.9	1.7	0.2	71.2	74.7	67.7
Hong Kong SAR	2007	548	90.0	9.6	0.4	0.0	90.0	90.2	89.9
	2011	568	88.8	10.3	0.9	0.0	88.8	89.3	88.3
Hungary	2007	579	77.4	21.4	1.2	0.0	77.4	77.5	77.3
	2011	735	76.5	22.0	1.4	0.1	76.5	79.0	74.3
Iran, Islamic Rep. of	2007	542	71.5	19.2	8.6	0.7	71.5	70.4	72.6
	2011	819	75.0	19.5	5.2	0.3	75.0	78.9	71.3
Italy	2007	644	78.3	19.2	2.5	0.0	78.3	81.1	75.8
	2011	612	83.8	14.3	1.3	0.6	83.8	84.7	82.8
Japan	2007	629	87.6	12.0	0.4	0.0	87.6	89.0	86.3
	2011	628	89.5	10.3	0.0	0.2	89.5	88.6	90.5
Kuwait	2007	547	50.8	35.8	11.0	2.4	50.8	56.6	44.9
	2011	589	34.3	58.1	6.7	0.9	34.3	37.0	31.1
Lithuania	2007	552	81.8	17.7	0.5	0.0	81.8	84.0	80.1
	2011	667	82.2	16.2	1.6	0.0	82.2	86.2	78.8
Netherlands	2007	482	64.4	34.8	0.3	0.5	64.4	63.5	65.1
	2011	443	72.8	26.5	0.7	0.0	72.8	75.9	69.4
New Zealand	2007	715	41.4	55.6	2.9	0.1	41.4	42.7	40.1
	2011	781	31.7	66.1	2.1	0.0	31.7	29.6	33.9
Norway	2007	575	59.8	37.5	2.2	0.5	59.8	62.7	56.9
	2011	433	58.2	39.5	2.0	0.4	58.2	64.8	51.6
Russian Federation	2007	635	87.6	12.2	0.2	0.0	87.6	87.1	88.2
	2011	629	89.3	10.2	0.4	0.0	89.3	92.1	86.8
Singapore	2007	716	92.2	7.0	0.7	0.1	92.2	91.3	93.0
	2011	913	92.7	7.1	0.0	0.2	92.7	93.9	91.6
Slovak Republic	2007	712	78.4	20.7	0.7	0.1	78.4	80.4	76.5
	2011	789	80.7	18.8	0.5	0.0	80.7	80.4	80.9
Slovenia	2007	615	66.7	31.3	1.8	0.1	66.7	68.8	64.8
	2011	654	64.1	32.4	3.3	0.2	64.1	66.4	61.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M05_01 (M031128): Number / Knowing
Label: 5631 plus 286 - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	671	58.3	39.1	2.3	0.3	58.3	60.8	55.5
	2011	693	55.5	41.3	3.1	0.2	55.5	54.5	56.7
Tunisia	2007	592	71.6	22.3	3.6	2.5	71.6	77.3	66.1
	2011	703	73.5	22.0	2.1	2.5	73.5	75.9	71.2
United States	2007	1139	85.6	12.3	1.8	0.3	85.6	85.5	85.7
	2011	1787	84.1	15.0	0.6	0.3	84.1	85.7	82.6

International Avg. (25)	2007	15805	73.4	23.9	2.3	0.4	73.4	75.2	71.7
	2011	17546	72.8	25.2	1.7	0.3	72.8	74.8	70.9

Alberta, Canada	2007	574	72.0	25.7	2.1	0.2	72.0	73.6	70.7
	2011	510	67.3	30.4	0.8	1.4	67.3	69.6	65.4
Ontario, Canada	2007	503	64.2	35.3	0.4	0.0	64.2	64.9	63.5
	2011	644	60.6	37.1	1.6	0.7	60.6	68.2	53.3
Quebec, Canada	2007	564	86.1	12.7	1.2	0.0	86.1	90.8	81.9
	2011	609	85.8	13.9	0.3	0.0	85.8	87.1	84.4
Dubai, UAE	2007	431	69.4	26.4	4.1	0.1	69.4	76.1	63.2
	2011	875	71.9	25.0	2.4	0.8	71.9	74.1	69.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M05_02 (M031016): Number / Reasoning

Label: What is the prize winning number - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	580	30.3	8.6	19.1	29.8	11.3	1.0	30.3	27.6	33.4
	2011	865	29.4	6.3	18.7	39.3	6.0	0.2	29.4	27.0	32.1
Austria	2007	688	32.1	2.7	13.9	25.5	25.8	0.0	32.1	30.4	33.8
	2011	664	26.9	3.7	14.4	32.1	22.9	0.1	26.9	25.7	28.1
Chinese Taipei	2007	590	20.3	2.9	29.0	38.2	9.6	0.0	20.3	16.7	24.0
	2011	610	24.3	2.5	28.7	39.1	5.5	0.0	24.3	24.0	24.5
Czech Republic	2007	607	29.2	1.2	10.6	34.4	24.6	0.0	29.2	27.0	31.1
	2011	663	32.5	3.2	9.2	38.8	16.0	0.3	32.5	30.9	33.9
Denmark	2007	491	29.7	3.4	18.9	25.6	22.2	0.1	29.7	27.0	32.2
	2011	564	33.7	7.5	14.4	29.6	14.0	0.9	33.7	35.9	31.4
England	2007	631	42.3	6.0	14.2	27.7	9.8	0.0	42.3	43.2	41.5
	2011	491	39.1	5.3	15.0	30.1	9.5	1.0	39.1	41.0	37.3
Georgia	2007	580	14.5	0.9	17.0	26.1	40.4	1.1	14.5	15.1	13.9
	2011	675	19.9	3.1	16.5	36.4	23.9	0.2	19.9	19.1	20.6
Germany	2007	745	40.7	2.4	11.5	27.8	17.7	0.0	40.7	37.2	43.8
	2011	571	36.5	3.8	10.9	28.9	19.8	0.2	36.5	34.6	38.4
Hong Kong SAR	2007	548	49.4	5.1	20.4	22.4	2.6	0.0	49.4	51.9	47.0
	2011	568	46.6	3.1	21.0	26.4	3.0	0.0	46.6	46.4	46.8
Hungary	2007	579	44.0	2.2	14.0	28.3	11.5	0.0	44.0	44.5	43.4
	2011	736	41.7	3.5	16.4	30.7	7.6	0.1	41.7	42.6	40.8
Iran, Islamic Rep. of	2007	542	1.3	1.1	5.4	50.6	41.0	0.7	1.3	0.8	1.9
	2011	819	2.9	1.1	7.8	53.1	34.7	0.5	2.9	2.3	3.4
Italy	2007	644	35.3	2.7	17.2	24.9	19.4	0.5	35.3	33.1	37.3
	2011	612	28.2	2.9	14.4	35.7	18.1	0.7	28.2	27.7	28.8
Japan	2007	629	43.3	4.7	11.3	33.4	7.4	0.0	43.3	42.8	43.6
	2011	628	45.0	5.9	9.5	32.9	6.7	0.2	45.0	42.0	47.8
Kuwait	2007	547	0.1	0.2	17.3	46.9	32.7	2.8	0.1	0.2	0.0
	2011	589	0.9	0.3	15.2	56.9	25.9	0.9	0.9	1.0	0.7
Lithuania	2007	552	31.1	2.6	13.9	39.5	12.8	0.0	31.1	33.6	29.1
	2011	667	34.4	3.5	9.0	39.3	13.8	0.0	34.4	38.3	31.1
Netherlands	2007	482	43.7	6.4	9.3	34.2	6.0	0.5	43.7	46.4	41.6
	2011	443	41.6	4.8	12.1	37.3	4.2	0.0	41.6	38.3	45.1
New Zealand	2007	715	28.4	4.6	17.2	39.5	10.2	0.1	28.4	27.8	29.1
	2011	781	21.8	4.1	20.2	45.9	7.8	0.3	21.8	20.7	22.8
Norway	2007	575	19.3	3.7	14.6	43.3	18.5	0.7	19.3	20.4	18.3
	2011	433	20.3	2.9	13.8	41.7	20.7	0.7	20.3	19.5	21.1
Russian Federation	2007	635	47.1	2.0	13.4	23.0	14.6	0.0	47.1	46.4	48.0
	2011	629	46.2	1.9	13.9	29.2	8.6	0.1	46.2	50.1	42.7
Singapore	2007	716	37.3	3.0	14.3	42.4	2.9	0.1	37.3	36.0	38.4
	2011	913	40.0	3.6	14.8	38.9	2.6	0.2	40.0	42.0	38.0
Slovak Republic	2007	712	39.5	4.5	12.9	29.0	13.9	0.3	39.5	39.2	39.7
	2011	789	38.1	3.9	12.5	35.7	9.8	0.0	38.1	38.6	37.7
Slovenia	2007	615	20.9	2.5	19.0	46.0	11.4	0.1	20.9	18.1	23.5
	2011	654	21.8	2.7	20.3	37.5	17.4	0.2	21.8	18.5	25.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M05_02 (M031016): Number / Reasoning

Label: What is the prize winning number - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	671	33.0	6.6	17.0	28.7	14.3	0.5	33.0	28.9	37.4
	2011	693	32.5	8.7	14.9	28.7	15.0	0.2	32.5	30.1	34.9
Tunisia	2007	592	3.5	0.7	8.5	65.3	19.4	2.6	3.5	4.6	2.5
	2011	703	3.5	1.6	8.9	66.1	16.8	3.1	3.5	1.8	5.1
United States	2007	1139	31.6	5.8	15.5	41.4	5.4	0.3	31.6	29.7	33.5
	2011	1787	31.4	6.5	16.3	43.0	2.4	0.3	31.4	29.2	33.6

International Avg. (25)	2007	15805	29.9	3.5	15.0	35.0	16.2	0.4	29.9	29.1	30.7
	2011	17547	29.6	3.8	14.7	38.1	13.3	0.4	29.6	29.1	30.1

Alberta, Canada	2007	574	34.2	5.6	13.9	38.0	8.1	0.2	34.2	30.7	37.2
	2011	510	32.2	9.0	11.2	38.9	7.2	1.4	32.2	26.2	37.3
Ontario, Canada	2007	503	29.3	9.7	13.8	39.6	7.6	0.0	29.3	26.3	32.6
	2011	644	25.0	6.8	15.2	46.8	5.3	0.9	25.0	22.8	27.2
Quebec, Canada	2007	564	41.7	9.3	10.1	29.7	9.2	0.0	41.7	41.9	41.6
	2011	609	46.6	7.8	11.4	29.8	4.4	0.0	46.6	46.4	46.7
Dubai, UAE	2007	431	12.6	3.1	17.0	42.5	24.7	0.1	12.6	11.7	13.3
	2011	875	18.8	2.0	12.5	52.6	13.3	0.8	18.8	17.0	20.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M05_03 (M031183): Number / Applying
Label: Recipe for 3 people - Points: 2

COUNTRY	YEAR	N	20 %	10 %	11 %	12 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	580	35.2	35.6	1.2	3.1	21.1	2.5	1.2	75.1	35.2	33.7	37.1
	2011	865	37.1	33.9	0.6	2.8	23.8	1.6	0.2	74.5	37.1	33.4	41.1
Austria	2007	688	32.4	46.4	3.3	1.4	13.0	3.5	0.0	83.5	32.4	30.2	34.7
	2011	664	23.0	54.7	5.4	0.8	12.9	3.1	0.1	83.9	23.0	22.2	23.8
Chinese Taipei	2007	590	18.9	55.7	3.1	0.8	19.5	2.1	0.0	78.4	18.9	14.1	23.7
	2011	610	31.1	43.8	1.9	1.5	19.5	2.2	0.0	78.3	31.1	27.1	34.6
Czech Republic	2007	607	4.9	40.7	6.9	0.8	31.4	15.4	0.0	53.2	4.9	2.5	6.9
	2011	663	10.0	46.8	3.0	0.7	32.3	7.0	0.3	60.4	10.0	7.1	12.7
Denmark	2007	491	37.8	39.9	3.2	1.6	12.1	5.2	0.4	82.4	37.8	35.3	40.0
	2011	564	37.2	43.8	2.2	0.3	10.8	4.7	0.9	83.5	37.2	35.9	38.4
England	2007	631	60.3	21.9	0.3	2.4	11.8	2.9	0.4	84.9	60.3	58.7	61.8
	2011	491	55.3	24.6	1.1	0.7	14.7	2.4	1.2	81.7	55.3	53.3	57.1
Georgia	2007	582	19.9	20.9	3.6	1.2	29.5	23.0	1.9	45.6	19.9	22.6	17.2
	2011	675	12.6	38.4	3.8	1.0	30.8	13.2	0.2	55.8	12.6	12.4	12.8
Germany	2007	745	42.7	39.3	3.7	0.8	10.3	3.0	0.1	86.5	42.7	36.8	48.2
	2011	571	46.0	37.6	2.8	2.0	9.2	2.3	0.2	88.4	46.0	39.7	52.2
Hong Kong SAR	2007	548	31.3	56.4	0.5	0.2	10.4	1.1	0.0	88.4	31.3	28.4	34.1
	2011	568	34.5	49.9	1.2	0.9	12.4	1.1	0.0	86.5	34.5	27.3	40.6
Hungary	2007	579	21.6	48.2	3.8	0.8	21.6	3.6	0.3	74.5	21.6	20.1	23.5
	2011	736	18.3	51.1	2.9	1.2	23.1	3.4	0.1	73.5	18.3	14.4	21.9
Iran, Islamic Rep. of	2007	542	2.9	22.5	0.6	1.1	39.4	32.4	1.1	27.1	2.9	2.9	3.0
	2011	819	2.5	31.7	1.8	0.2	40.7	20.8	2.4	36.2	2.5	3.2	1.9
Italy	2007	644	21.1	46.5	4.0	0.9	21.5	5.3	0.8	72.4	21.1	23.1	19.3
	2011	612	14.4	48.0	5.5	0.9	24.3	6.0	0.8	68.8	14.4	13.8	15.1
Japan	2007	629	20.3	47.4	0.5	0.5	28.1	3.1	0.0	68.8	20.3	20.7	20.0
	2011	628	23.1	43.6	0.9	0.7	29.3	2.2	0.2	68.4	23.1	20.8	25.4
Kuwait	2007	547	9.7	7.1	0.0	7.6	45.8	25.3	4.5	24.4	9.7	12.1	7.1
	2011	588	8.4	11.4	0.8	6.7	55.4	16.1	1.3	27.2	8.4	12.0	4.1
Lithuania	2007	552	25.5	38.3	1.6	2.3	26.3	6.0	0.0	67.7	25.5	23.2	27.3
	2011	667	24.5	43.2	3.5	1.3	22.8	4.7	0.0	72.5	24.5	21.6	26.9
Netherlands	2007	482	38.8	48.8	0.7	0.4	8.4	2.5	0.5	88.7	38.8	35.7	41.3
	2011	443	41.5	48.7	2.7	0.5	6.0	0.7	0.0	93.3	41.5	31.5	52.1
New Zealand	2007	715	44.5	26.6	0.3	1.5	24.3	2.8	0.1	72.8	44.5	44.9	44.2
	2011	782	39.3	30.3	0.1	2.0	25.8	2.1	0.4	71.8	39.3	37.3	41.5
Norway	2007	575	16.7	49.3	3.5	0.3	24.5	4.6	1.3	69.7	16.7	16.6	16.7
	2011	433	15.1	55.0	3.0	2.3	21.5	2.3	0.8	75.3	15.1	17.2	12.9
Russian Federation	2007	635	27.3	34.8	2.0	0.7	26.7	7.5	1.0	64.8	27.3	23.9	31.3
	2011	629	20.2	39.5	1.7	2.9	30.3	4.6	0.8	64.3	20.2	19.0	21.3
Singapore	2007	716	47.6	32.4	0.6	2.1	16.6	0.7	0.1	82.6	47.6	45.2	49.6
	2011	913	49.8	32.8	0.5	2.3	14.4	0.1	0.2	85.4	49.8	50.4	49.2
Slovak Republic	2007	712	14.1	43.1	2.0	0.4	32.0	7.8	0.6	59.7	14.1	13.9	14.3
	2011	789	9.9	50.0	2.2	0.8	30.3	6.5	0.3	62.9	9.9	11.1	8.9
Slovenia	2007	615	13.5	42.5	1.5	1.0	37.3	3.9	0.3	58.6	13.5	7.3	19.4
	2011	654	17.0	35.6	1.8	2.7	36.5	5.9	0.7	57.0	17.0	12.9	21.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M05_03 (M031183): Number / Applying
Label: Recipe for 3 people - Points: 2

COUNTRY	YEAR	N	20 %	10 %	11 %	12 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	671	16.8	63.2	3.5	0.4	12.5	2.8	0.7	83.9	16.8	15.7	18.0
	2011	693	14.9	64.5	5.4	0.6	10.6	3.4	0.6	85.4	14.9	14.2	15.6
Tunisia	2007	592	3.8	22.9	3.7	0.2	39.2	26.8	3.4	30.7	3.8	3.4	4.2
	2011	703	4.6	31.1	0.7	0.2	43.5	15.9	4.0	36.6	4.6	4.0	5.3
United States	2007	1139	30.7	40.9	0.3	0.9	24.3	2.5	0.4	72.8	30.7	28.5	32.8
	2011	1787	33.1	39.7	0.3	3.0	22.0	1.5	0.4	76.1	33.1	30.9	35.3
International Avg. (25)	2007	15807	25.5	38.8	2.2	1.3	23.5	7.8	0.8	67.9	25.5	24.0	27.0
	2011	17547	24.9	41.2	2.2	1.6	24.1	5.3	0.6	69.9	24.9	22.9	26.9
Alberta, Canada	2007	574	16.3	51.0	0.2	0.4	28.3	3.5	0.2	68.0	16.3	8.4	22.9
	2011	510	21.9	47.1	0.2	0.8	25.1	2.6	2.2	70.1	21.9	16.4	26.5
Ontario, Canada	2007	503	24.8	41.6	0.5	2.2	28.4	2.1	0.3	69.2	24.8	24.3	25.4
	2011	644	21.7	45.0	0.4	1.1	27.1	3.7	0.9	68.3	21.7	21.5	22.0
Quebec, Canada	2007	564	19.2	51.3	0.4	1.2	25.3	2.6	0.0	72.1	19.2	16.5	21.7
	2011	609	22.2	47.1	0.3	2.5	24.5	2.9	0.5	72.0	22.2	21.7	22.7
Dubai, UAE	2007	431	16.8	30.1	2.6	2.0	35.4	12.9	0.3	51.5	16.8	16.6	16.7
	2011	875	29.1	29.1	1.0	2.5	33.1	4.4	0.8	61.7	29.1	27.4	30.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M05_05 (M031187): Number / Applying
Label: Kim gave Pete 3 more pencils - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	576	72.4	4.5	72.4	4.8	11.0	5.8	1.6	72.5	72.3
	2011	865	78.9	4.7	78.9	4.5	8.0	3.5	0.3	79.1	78.7
Austria	2007	688	76.7	1.8	76.7	2.5	8.4	10.7	0.0	73.1	80.5
	2011	664	82.0	4.1	82.0	3.3	4.7	5.7	0.1	79.9	84.2
Chinese Taipei	2007	590	67.1	3.5	67.1	22.1	5.0	2.3	0.0	66.4	67.8
	2011	610	72.5	3.5	72.5	20.0	2.8	1.2	0.0	75.3	69.9
Czech Republic	2007	607	71.8	4.2	71.8	2.0	7.2	14.8	0.0	74.5	69.5
	2011	663	84.1	2.5	84.1	2.3	5.4	5.4	0.3	84.0	84.2
Denmark	2007	490	72.6	7.0	72.6	4.4	5.2	9.9	0.9	73.9	71.4
	2011	564	73.9	6.4	73.9	6.2	2.6	9.9	1.1	75.2	72.5
England	2007	631	72.3	4.7	72.3	3.0	10.0	9.5	0.5	72.5	72.0
	2011	491	74.8	2.9	74.8	5.8	8.9	6.5	1.2	73.6	76.0
Georgia	2007	581	71.1	4.8	71.1	5.6	8.6	7.2	2.8	70.3	71.8
	2011	675	73.4	5.9	73.4	5.9	7.8	6.6	0.4	74.8	72.3
Germany	2007	745	78.0	3.0	78.0	2.3	6.3	10.3	0.1	76.4	79.4
	2011	571	81.9	3.3	81.9	2.5	5.3	6.6	0.4	81.2	82.6
Hong Kong SAR	2007	548	75.6	2.3	75.6	15.9	4.6	1.5	0.0	75.8	75.3
	2011	568	77.1	2.6	77.1	17.3	1.6	1.4	0.0	74.3	79.4
Hungary	2007	579	80.6	1.3	80.6	2.5	7.7	7.5	0.3	80.2	81.1
	2011	736	81.8	4.2	81.8	2.1	7.7	4.0	0.2	83.5	80.3
Iran, Islamic Rep. of	2007	542	54.0	9.8	54.0	7.6	14.1	12.3	2.3	56.5	51.2
	2011	819	63.5	8.8	63.5	5.7	11.1	8.0	2.9	63.5	63.5
Italy	2007	643	83.6	2.3	83.6	2.6	4.8	5.9	0.8	82.1	84.8
	2011	612	84.1	3.3	84.1	2.1	5.4	4.1	1.1	83.9	84.3
Japan	2007	629	70.2	3.1	70.2	17.2	6.7	2.6	0.2	73.1	67.4
	2011	628	72.7	3.4	72.7	14.0	6.4	3.2	0.3	72.5	72.9
Kuwait	2007	547	45.1	10.0	45.1	10.0	17.3	12.1	5.5	48.3	41.9
	2011	578	47.0	14.5	47.0	12.4	15.0	8.4	2.7	50.2	43.2
Lithuania	2007	552	80.8	4.8	80.8	3.3	5.8	5.3	0.0	78.9	82.3
	2011	666	79.1	6.3	79.1	4.0	6.5	4.2	0.0	77.1	80.8
Netherlands	2007	482	88.3	1.5	88.3	3.0	3.1	3.5	0.6	87.8	88.7
	2011	443	90.2	1.4	90.2	1.4	3.3	3.7	0.0	90.2	90.3
New Zealand	2007	715	71.7	5.3	71.7	5.0	9.2	8.2	0.6	73.3	70.1
	2011	782	74.0	6.4	74.0	4.0	10.7	4.5	0.5	75.1	72.8
Norway	2007	575	66.3	6.5	66.3	8.2	11.0	6.1	2.0	66.4	66.2
	2011	433	69.7	7.1	69.7	11.0	6.3	4.4	1.6	68.8	70.6
Russian Federation	2007	635	89.1	2.8	89.1	1.7	2.9	2.6	1.0	88.1	90.3
	2011	629	91.4	1.0	91.4	1.5	3.6	1.6	1.0	92.1	90.7
Singapore	2007	716	85.6	3.4	85.6	5.3	5.2	0.4	0.2	84.6	86.3
	2011	913	83.5	3.5	83.5	6.4	5.7	0.8	0.2	84.8	82.2
Slovak Republic	2007	712	75.0	3.6	75.0	1.4	9.8	9.4	0.9	73.9	76.0
	2011	789	78.1	3.8	78.1	2.1	10.9	4.7	0.5	78.0	78.2
Slovenia	2007	615	77.1	4.6	77.1	2.3	10.3	4.9	0.8	78.4	75.9
	2011	654	79.3	3.7	79.3	3.5	7.1	5.2	1.1	76.5	82.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M05_05 (M031187): Number / Applying
Label: Kim gave Pete 3 more pencils - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	671	72.8	4.7	72.8	6.2	7.2	8.0	1.0	72.2	73.5
	2011	693	72.9	7.0	72.9	5.7	3.7	9.6	1.1	75.2	70.5
Tunisia	2007	592	36.1	10.3	36.1	13.1	13.9	20.6	6.0	38.7	33.6
	2011	703	41.9	10.3	41.9	16.9	11.1	14.8	5.0	41.0	42.7
United States	2007	1139	82.5	2.7	82.5	4.7	8.4	1.0	0.7	83.2	81.9
	2011	1787	83.2	3.9	83.2	6.0	4.9	1.3	0.6	84.7	81.7
International Avg. (25)	2007	15800	72.7	4.5	72.7	6.3	8.1	7.3	1.2	72.9	72.5
	2011	17536	75.6	5.0	75.6	6.7	6.7	5.2	0.9	75.8	75.5
Alberta, Canada	2007	574	79.5	4.2	79.5	3.0	8.2	4.9	0.2	80.2	79.0
	2011	510	75.9	4.8	75.9	4.8	6.7	5.2	2.5	72.9	78.5
Ontario, Canada	2007	503	77.4	4.4	77.4	5.3	9.3	3.2	0.4	73.1	82.0
	2011	644	76.6	3.8	76.6	5.1	9.5	3.2	1.8	78.5	74.9
Quebec, Canada	2007	564	76.7	2.0	76.7	3.9	9.1	8.2	0.0	76.6	76.8
	2011	609	80.7	2.0	80.7	2.1	6.2	7.8	1.1	84.8	76.9
Dubai, UAE	2007	.	.	.	.	.	.	.	.	.	.
	2011	875	65.2	5.8	65.2	8.6	12.3	7.0	1.1	63.2	66.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M05_06 (M031251): Number / Applying

Label: Ebru's rule to get number in box - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	578	39.4	25.5	39.4	18.1	8.6	6.2	2.2	33.0	47.1
	2011	865	45.4	23.2	45.4	16.5	11.2	3.5	0.3	42.1	49.0
Austria	2007	688	38.1	14.7	38.1	15.7	12.7	18.8	0.0	36.1	40.2
	2011	664	42.8	19.2	42.8	13.8	10.9	13.2	0.1	44.2	41.5
Chinese Taipei	2007	590	76.5	10.3	76.5	7.7	4.4	1.0	0.0	78.4	74.7
	2011	610	79.2	9.3	79.2	7.1	3.2	1.2	0.0	75.5	82.5
Czech Republic	2007	607	37.3	16.6	37.3	16.5	11.2	18.3	0.0	34.7	39.5
	2011	663	50.3	16.4	50.3	13.6	10.3	9.0	0.4	46.7	53.7
Denmark	2007	489	46.0	16.0	46.0	10.8	6.3	19.6	1.3	42.9	49.0
	2011	564	42.1	19.5	42.1	12.2	6.6	18.0	1.7	41.6	42.5
England	2007	631	57.3	15.3	57.3	10.9	7.9	8.1	0.5	58.4	56.2
	2011	491	52.4	17.8	52.4	14.1	8.3	6.2	1.2	47.8	56.7
Georgia	2007	581	37.0	16.8	37.0	12.4	12.6	18.3	2.8	41.2	32.8
	2011	675	48.1	15.1	48.1	12.4	10.8	13.2	0.4	49.1	47.3
Germany	2007	745	42.5	15.2	42.5	14.8	10.6	16.6	0.3	42.3	42.6
	2011	571	36.2	20.2	36.2	17.1	12.0	13.9	0.5	32.5	39.9
Hong Kong SAR	2007	548	77.7	8.3	77.7	8.7	4.2	1.1	0.0	77.0	78.3
	2011	568	75.5	10.2	75.5	9.5	3.5	1.1	0.2	76.4	74.8
Hungary	2007	579	60.0	13.0	60.0	10.3	7.6	8.7	0.4	56.9	63.8
	2011	736	61.8	14.9	61.8	11.0	6.1	6.0	0.2	65.8	58.2
Iran, Islamic Rep. of	2007	542	33.4	20.2	33.4	17.3	11.0	15.4	2.7	30.9	36.3
	2011	819	38.6	23.0	38.6	18.4	8.9	7.9	3.2	38.2	38.9
Italy	2007	642	55.0	14.0	55.0	11.2	8.6	10.4	0.8	55.9	54.2
	2011	612	52.6	17.2	52.6	11.7	9.2	7.9	1.3	52.9	52.3
Japan	2007	629	71.1	11.1	71.1	11.3	3.8	2.6	0.2	71.2	71.0
	2011	628	70.9	11.1	70.9	11.0	4.5	1.9	0.5	68.7	73.1
Kuwait	2007	547	22.2	19.3	22.2	21.7	14.7	16.0	6.0	23.9	20.5
	2011	572	29.9	21.8	29.9	21.2	16.1	7.8	3.1	26.4	34.2
Lithuania	2007	552	45.1	17.4	45.1	15.9	10.6	11.1	0.0	43.6	46.3
	2011	667	49.5	14.3	49.5	14.5	12.2	9.2	0.4	44.3	54.0
Netherlands	2007	482	37.9	30.6	37.9	16.9	9.2	4.8	0.6	35.6	39.7
	2011	443	39.8	31.2	39.8	17.8	6.1	5.1	0.0	36.8	42.9
New Zealand	2007	715	42.4	23.4	42.4	16.5	10.7	6.5	0.6	41.8	42.9
	2011	782	39.5	23.0	39.5	18.1	13.9	4.9	0.6	37.0	42.0
Norway	2007	575	31.9	19.5	31.9	18.0	13.4	14.3	2.9	33.3	30.5
	2011	433	31.2	22.8	31.2	18.3	11.4	14.3	2.0	25.6	36.8
Russian Federation	2007	635	64.1	11.3	64.1	9.4	7.3	6.8	1.0	64.7	63.4
	2011	629	62.6	13.8	62.6	10.1	8.3	4.2	1.0	64.5	60.8
Singapore	2007	716	72.5	9.7	72.5	11.6	5.7	0.3	0.2	70.0	74.7
	2011	913	72.6	9.0	72.6	10.8	6.5	0.8	0.3	73.8	71.5
Slovak Republic	2007	712	47.5	17.5	47.5	9.5	8.7	15.4	1.4	48.9	46.3
	2011	789	55.1	15.0	55.1	11.9	11.0	6.4	0.6	54.0	56.0
Slovenia	2007	615	44.2	17.9	44.2	15.4	13.3	8.4	0.8	45.0	43.5
	2011	651	39.6	21.1	39.6	17.3	10.4	10.1	1.4	37.7	41.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M05_06 (M031251): Number / Applying
Label: Ebru's rule to get number in box - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	671	29.0	17.9	29.0	21.2	13.8	16.7	1.4	25.7	32.5
	2011	693	33.2	18.5	33.2	20.3	9.6	17.2	1.1	38.3	28.3
Tunisia	2007	592	20.9	15.8	20.9	21.6	13.8	21.1	6.9	21.2	20.6
	2011	703	30.2	11.3	30.2	22.9	13.5	16.6	5.5	26.9	33.2
United States	2007	1139	59.3	18.2	59.3	11.6	8.4	1.9	0.7	58.8	59.8
	2011	1787	63.3	15.7	63.3	10.2	8.1	1.8	1.0	62.3	64.3
International Avg. (25)	2007	15800	47.5	16.6	47.5	14.2	9.6	10.7	1.4	46.9	48.2
	2011	17528	49.7	17.4	49.7	14.5	9.3	8.1	1.1	48.4	51.0
Alberta, Canada	2007	574	44.2	19.3	44.2	20.5	11.5	4.3	0.3	39.4	48.2
	2011	510	42.7	23.5	42.7	17.2	9.3	4.1	3.2	40.3	44.7
Ontario, Canada	2007	503	43.3	24.8	43.3	14.8	13.2	3.4	0.4	42.7	44.0
	2011	644	41.6	27.2	41.6	17.0	8.9	3.5	1.8	37.8	45.3
Quebec, Canada	2007	564	47.0	17.2	47.0	14.6	11.8	9.4	0.1	48.2	45.8
	2011	609	42.3	19.7	42.3	17.2	9.4	9.8	1.5	41.4	43.2
Dubai, UAE	2007	431	42.8	20.1	42.8	14.2	9.0	13.5	0.4	43.9	41.9
	2011	875	47.5	19.7	47.5	15.7	10.5	5.5	1.1	43.9	50.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M05_07 (M031294): Data Display / Knowing
Label: How much the apples weigh in grams - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	579	62.2	2.7	25.5	7.2	62.2	0.1	2.3	56.8	68.5
	2011	865	62.6	4.2	24.8	7.7	62.6	0.4	0.3	55.6	70.1
Austria	2007	688	68.4	1.6	22.9	6.1	68.4	1.0	0.0	67.3	69.7
	2011	664	68.1	1.4	24.0	5.8	68.1	0.4	0.3	65.3	70.9
Chinese Taipei	2007	590	86.1	0.0	10.9	2.7	86.1	0.3	0.0	82.3	90.0
	2011	610	86.7	0.2	9.4	3.2	86.7	0.5	0.0	84.7	88.5
Czech Republic	2007	607	63.2	3.2	26.2	6.2	63.2	1.0	0.3	57.4	68.3
	2011	663	65.7	3.1	25.5	4.9	65.7	0.4	0.4	61.4	69.7
Denmark	2007	491	72.4	0.9	18.7	6.7	72.4	0.0	1.3	67.8	76.6
	2011	564	66.2	1.3	18.4	8.4	66.2	3.8	2.0	60.7	71.7
England	2007	631	79.3	2.4	9.9	6.1	79.3	1.6	0.7	77.2	81.5
	2011	491	76.7	1.9	13.3	6.0	76.7	0.6	1.4	71.3	81.7
Georgia	2007	582	28.7	20.3	19.1	28.5	28.7	0.5	2.9	26.2	31.1
	2011	675	38.7	13.0	31.0	16.1	38.7	0.7	0.5	32.5	43.7
Germany	2007	745	81.5	0.6	11.8	5.2	81.5	0.6	0.3	78.7	84.0
	2011	571	74.8	1.6	17.0	5.2	74.8	0.7	0.7	69.5	80.2
Hong Kong SAR	2007	548	87.3	0.0	8.1	3.9	87.3	0.6	0.1	84.7	89.9
	2011	568	89.5	0.5	7.1	2.7	89.5	0.0	0.2	88.7	90.1
Hungary	2007	579	70.5	1.4	18.6	8.6	70.5	0.5	0.4	67.3	74.3
	2011	736	72.4	1.4	20.1	5.6	72.4	0.3	0.2	70.7	74.0
Iran, Islamic Rep. of	2007	542	30.1	12.8	44.2	9.2	30.1	0.7	3.1	26.4	34.1
	2011	818	33.1	13.2	37.6	10.5	33.1	1.8	3.7	26.9	38.9
Italy	2007	643	48.8	3.0	36.5	9.3	48.8	1.0	1.3	45.6	51.6
	2011	612	48.2	3.8	38.5	7.5	48.2	0.5	1.4	41.2	55.5
Japan	2007	629	92.5	0.0	4.3	2.3	92.5	0.4	0.4	90.2	94.7
	2011	628	87.9	0.3	8.4	2.7	87.9	0.0	0.7	85.8	89.9
Kuwait	2007	547	12.0	40.7	23.6	14.7	12.0	2.3	6.6	8.3	15.7
	2011	584	20.8	18.5	37.5	14.0	20.8	5.9	3.2	16.8	25.5
Lithuania	2007	552	78.9	1.4	12.4	6.4	78.9	0.8	0.0	76.0	81.3
	2011	667	77.8	1.6	13.4	5.8	77.8	0.4	0.9	68.8	85.5
Netherlands	2007	482	81.7	0.1	10.8	6.5	81.7	0.2	0.7	79.0	83.8
	2011	443	83.9	0.4	8.4	6.2	83.9	1.0	0.2	82.2	85.7
New Zealand	2007	715	56.4	5.1	27.0	10.0	56.4	1.0	0.6	51.4	61.1
	2011	782	40.1	7.9	37.5	12.9	40.1	0.9	0.7	32.7	47.6
Norway	2007	575	53.4	3.2	32.1	6.9	53.4	0.4	4.1	42.2	64.5
	2011	433	59.4	2.9	26.0	7.4	59.4	1.0	3.4	51.2	67.6
Russian Federation	2007	635	60.7	2.1	24.0	11.9	60.7	0.3	1.0	54.6	67.8
	2011	629	60.3	4.3	21.0	13.2	60.3	0.1	1.0	53.4	66.5
Singapore	2007	716	87.1	0.2	9.0	3.5	87.1	0.0	0.2	85.5	88.5
	2011	913	89.6	0.1	5.9	3.8	89.6	0.4	0.3	88.2	90.9
Slovak Republic	2007	712	55.6	5.1	32.7	4.9	55.6	0.4	1.4	47.0	63.4
	2011	789	60.3	3.0	30.7	4.7	60.3	0.5	0.7	53.5	66.1
Slovenia	2007	615	61.1	4.0	27.9	6.1	61.1	0.1	0.8	58.1	63.9
	2011	653	62.6	2.1	25.7	6.6	62.6	0.4	2.7	55.4	69.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M05_07 (M031294): Data Display / Knowing
Label: How much the apples weigh in grams - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	671	61.9	2.2	26.7	7.1	61.9	0.3	1.7	56.1	68.3
	2011	693	61.7	3.9	22.1	9.3	61.7	1.2	1.8	55.7	67.8
Tunisia	2007	592	10.7	31.7	31.1	13.4	10.7	5.5	7.6	9.1	12.3
	2011	703	17.7	22.8	35.8	9.5	17.7	8.2	6.0	16.9	18.5
United States	2007	1139	62.9	1.9	27.3	6.3	62.9	0.6	0.9	54.3	71.4
	2011	1787	65.7	2.5	23.1	6.8	65.7	0.6	1.2	57.6	74.0

International Avg. (25)	2007	15805	62.1	5.9	21.6	8.0	62.1	0.8	1.6	58.0	66.2
	2011	17541	62.8	4.6	22.5	7.5	62.8	1.2	1.4	57.9	67.6

Alberta, Canada	2007	574	59.7	1.6	28.0	9.2	59.7	1.2	0.4	49.9	67.7
	2011	510	49.6	2.2	33.3	9.6	49.6	2.0	3.2	42.8	55.3
Ontario, Canada	2007	503	49.1	5.9	37.4	4.9	49.1	1.9	0.8	41.2	57.7
	2011	644	45.0	3.8	39.0	9.5	45.0	0.8	1.9	35.8	53.7
Quebec, Canada	2007	564	65.5	2.7	23.4	6.8	65.5	1.5	0.1	59.5	71.0
	2011	609	59.7	2.3	25.8	8.6	59.7	1.3	2.2	55.8	63.5
Dubai, UAE	2007	431	38.9	12.7	34.0	10.0	38.9	3.6	0.7	37.0	40.4
	2011	875	48.3	9.6	32.4	7.6	48.3	0.8	1.3	40.4	55.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M05_08 (M031297): Geometric Shapes and Measures / Applying
Label: Shaded area in square centimeters - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	580	47.5	5.8	10.2	29.4	4.6	2.5	47.5	45.3	50.2
	2011	865	43.5	5.9	8.1	38.9	3.3	0.3	43.5	44.0	42.9
Austria	2007	688	42.9	5.4	8.8	32.0	10.9	0.0	42.9	40.1	45.7
	2011	664	29.8	8.1	7.4	41.5	12.9	0.3	29.8	28.1	31.6
Chinese Taipei	2007	590	75.3	1.6	4.2	17.9	1.0	0.0	75.3	73.8	76.8
	2011	610	62.7	1.1	4.6	30.4	1.2	0.0	62.7	61.3	64.0
Czech Republic	2007	607	26.5	13.4	7.5	36.2	16.3	0.3	26.5	28.9	24.4
	2011	663	29.0	7.7	7.5	46.2	9.2	0.4	29.0	28.8	29.3
Denmark	2007	491	51.2	0.5	3.3	32.1	11.5	1.3	51.2	52.7	49.8
	2011	564	46.2	2.0	2.5	39.4	7.8	2.2	46.2	49.2	43.1
England	2007	631	41.6	8.0	6.5	38.9	4.1	0.8	41.6	37.7	45.6
	2011	491	32.1	6.2	6.1	49.5	4.6	1.4	32.1	32.0	32.2
Georgia	2007	580	22.8	9.2	6.7	34.8	23.5	2.9	22.8	22.8	22.8
	2011	675	17.0	8.5	5.2	52.0	16.8	0.5	17.0	21.0	13.8
Germany	2007	745	40.3	2.8	5.9	42.2	8.5	0.3	40.3	38.2	42.1
	2011	571	35.0	3.7	4.6	48.5	7.5	0.7	35.0	31.2	38.7
Hong Kong SAR	2007	548	75.5	0.8	10.3	13.1	0.2	0.1	75.5	78.6	72.4
	2011	568	67.2	1.7	6.4	23.1	1.4	0.2	67.2	67.4	67.0
Hungary	2007	579	36.3	5.1	8.9	38.8	10.5	0.4	36.3	37.7	34.6
	2011	736	33.4	3.8	4.4	53.7	4.5	0.2	33.4	28.8	37.6
Iran, Islamic Rep. of	2007	542	10.9	5.9	3.5	49.5	27.0	3.2	10.9	8.3	13.7
	2011	815	24.6	5.9	4.6	44.6	15.9	4.3	24.6	24.0	25.3
Italy	2007	644	32.9	3.8	8.3	43.1	10.2	1.7	32.9	31.8	33.9
	2011	612	27.1	6.0	8.4	50.7	6.3	1.4	27.1	26.6	27.7
Japan	2007	629	81.2	1.8	5.1	10.7	0.8	0.4	81.2	82.9	79.5
	2011	628	69.9	3.6	4.7	20.3	0.7	0.7	69.9	68.4	71.4
Kuwait	2007	547	10.1	2.5	2.0	54.5	24.0	6.9	10.1	12.9	7.2
	2011	588	4.6	4.2	2.3	68.6	16.5	3.8	4.6	3.9	5.5
Lithuania	2007	283	38.4	8.2	5.8	43.4	4.3	0.0	38.4	40.8	36.5
	2011	667	36.6	5.4	4.8	45.9	6.5	0.9	36.6	36.5	36.6
Netherlands	2007	482	48.2	3.5	7.5	39.1	1.0	0.7	48.2	47.6	48.6
	2011	443	43.3	3.4	6.5	44.9	1.6	0.2	43.3	36.0	51.1
New Zealand	2007	715	31.9	6.5	7.3	47.7	6.0	0.6	31.9	32.1	31.7
	2011	782	23.3	8.3	6.3	56.1	5.3	0.7	23.3	25.7	21.0
Norway	2007	575	23.5	4.0	4.6	52.7	11.1	4.1	23.5	21.8	25.2
	2011	433	25.5	6.0	4.8	51.8	8.5	3.5	25.5	23.6	27.4
Russian Federation	2007	635	53.3	7.2	5.7	28.0	4.7	1.0	53.3	50.4	56.7
	2011	629	44.0	6.4	5.6	37.9	5.2	1.0	44.0	43.9	44.1
Singapore	2007	716	45.9	5.0	5.5	42.7	0.6	0.2	45.9	43.0	48.3
	2011	913	39.3	4.9	5.3	49.7	0.4	0.4	39.3	40.4	38.2
Slovak Republic	2007	712	30.9	6.8	8.5	40.4	12.0	1.4	30.9	29.2	32.6
	2011	789	28.7	8.8	7.1	48.7	6.0	0.7	28.7	26.6	30.5
Slovenia	2007	615	24.1	4.5	9.5	55.6	5.5	0.8	24.1	18.5	29.3
	2011	654	22.0	4.1	6.4	59.3	5.5	2.7	22.0	17.0	27.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M05_08 (M031297): Geometric Shapes and Measures / Applying
Label: Shaded area in square centimeters - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	671	26.0	3.4	7.2	52.4	9.2	1.9	26.0	23.6	28.7
	2011	693	31.0	5.2	3.1	50.3	8.6	1.8	31.0	30.4	31.7
Tunisia	2007	592	8.7	3.2	2.0	58.6	19.4	8.0	8.7	8.9	8.6
	2011	703	9.2	2.3	2.1	67.3	12.7	6.4	9.2	10.5	8.0
United States	2007	1139	34.6	7.6	10.2	45.0	1.6	0.9	34.6	35.8	33.4
	2011	1787	37.5	7.9	9.3	41.9	2.1	1.3	37.5	36.5	38.6
International Avg. (25)	2007	15536	38.4	5.1	6.6	39.2	9.1	1.6	38.4	37.7	39.1
	2011	17543	34.5	5.2	5.5	46.4	6.8	1.4	34.5	33.7	35.4
Alberta, Canada	2007	574	34.6	5.3	7.8	46.1	5.3	1.0	34.6	33.6	35.5
	2011	510	31.2	6.7	9.0	46.2	3.7	3.2	31.2	29.1	32.9
Ontario, Canada	2007	503	36.7	4.9	7.6	46.3	3.7	0.8	36.7	36.7	36.8
	2011	644	36.8	5.8	7.3	45.6	2.7	1.9	36.8	36.1	37.5
Quebec, Canada	2007	564	41.8	3.3	6.1	42.1	6.4	0.1	41.8	38.5	44.8
	2011	609	40.6	4.9	5.0	43.3	4.0	2.2	40.6	37.3	43.8
Dubai, UAE	2007	431	25.5	4.9	6.5	46.2	16.1	0.9	25.5	27.9	23.0
	2011	875	26.6	6.6	7.3	51.3	6.9	1.3	26.6	21.3	31.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M05_09 (M031218): Number / Applying

Label: 600 books to be packed into boxes - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	578	49.1	17.0	9.8	18.2	49.1	3.1	2.7	46.3	52.4
	2011	865	50.5	14.3	14.5	15.6	50.5	4.3	0.8	50.0	51.1
Austria	2007	688	60.7	10.0	6.3	17.3	60.7	5.7	0.0	60.0	61.3
	2011	664	64.2	11.7	6.2	12.1	64.2	5.2	0.7	67.7	60.6
Chinese Taipei	2007	590	87.5	2.5	2.0	7.6	87.5	0.3	0.0	89.3	85.7
	2011	610	90.2	1.0	2.2	6.1	90.2	0.6	0.0	92.7	87.9
Czech Republic	2007	607	52.7	16.1	7.6	17.8	52.7	5.3	0.6	52.3	53.0
	2011	663	55.9	10.4	14.0	13.5	55.9	4.4	1.8	50.3	61.0
Denmark	2007	490	43.6	14.4	15.5	14.6	43.6	8.8	3.1	43.5	43.7
	2011	564	44.9	13.8	16.4	13.5	44.9	8.1	3.2	42.3	47.6
England	2007	631	60.7	11.0	9.3	13.8	60.7	4.5	0.8	58.4	62.9
	2011	491	56.6	11.0	11.5	16.9	56.6	2.7	1.4	53.0	59.9
Georgia	2007	580	48.4	15.4	11.2	16.5	48.4	3.8	4.7	49.1	47.7
	2011	675	50.7	19.3	12.3	13.6	50.7	1.8	2.3	51.1	50.3
Germany	2007	745	59.1	11.2	9.6	14.4	59.1	4.7	1.0	60.5	57.8
	2011	571	53.6	13.5	13.1	15.7	53.6	3.3	0.9	54.0	53.1
Hong Kong SAR	2007	548	88.7	2.0	3.9	4.9	88.7	0.4	0.1	91.2	86.1
	2011	568	84.3	3.5	5.5	5.7	84.3	1.0	0.2	87.0	81.9
Hungary	2007	579	66.5	5.6	10.6	13.4	66.5	2.8	1.1	63.3	70.3
	2011	736	66.1	8.7	9.4	12.9	66.1	1.9	0.9	63.2	68.8
Iran, Islamic Rep. of	2007	542	32.0	19.4	12.1	22.2	32.0	8.2	6.1	27.3	37.3
	2011	815	42.3	12.5	13.0	22.4	42.3	4.1	5.7	41.4	43.1
Italy	2007	643	63.0	8.9	7.1	15.3	63.0	3.9	1.8	60.6	65.2
	2011	612	62.7	8.6	5.7	17.2	62.7	3.9	1.9	57.3	68.4
Japan	2007	629	76.4	4.5	6.1	11.8	76.4	0.9	0.4	78.3	74.6
	2011	628	73.9	4.5	5.9	14.4	73.9	0.4	0.8	71.6	76.2
Kuwait	2007	547	16.9	25.9	22.3	19.5	16.9	7.3	8.0	17.5	16.3
	2011	576	24.7	20.2	23.0	20.1	24.7	7.5	4.6	25.4	23.9
Lithuania	2007	283	81.7	3.2	1.9	12.0	81.7	1.2	0.0	77.7	84.8
	2011	667	74.7	6.4	5.0	11.7	74.7	1.3	0.9	71.5	77.4
Netherlands	2007	482	74.8	5.9	8.7	8.9	74.8	0.9	0.7	75.9	74.0
	2011	443	75.7	5.0	10.1	7.6	75.7	0.9	0.7	72.3	79.4
New Zealand	2007	715	49.3	18.8	10.8	16.4	49.3	3.6	1.1	51.0	47.8
	2011	782	36.7	21.2	18.2	19.1	36.7	3.7	1.1	36.1	37.3
Norway	2007	575	40.2	16.5	17.1	15.6	40.2	5.9	4.7	38.1	42.3
	2011	433	42.2	15.5	18.7	14.2	42.2	4.0	5.4	39.6	44.7
Russian Federation	2007	635	76.1	4.1	3.3	13.0	76.1	2.0	1.6	75.8	76.5
	2011	629	76.9	5.9	2.9	10.6	76.9	0.7	3.0	75.5	78.2
Singapore	2007	716	79.2	3.8	5.7	10.7	79.2	0.4	0.2	79.4	79.0
	2011	913	80.0	2.8	6.3	10.0	80.0	0.5	0.4	83.6	76.4
Slovak Republic	2007	712	55.6	11.6	12.8	13.4	55.6	4.5	2.1	55.3	55.8
	2011	789	59.6	13.6	11.5	11.5	59.6	2.5	1.3	56.8	62.1
Slovenia	2007	615	58.0	12.7	11.8	13.5	58.0	2.9	1.1	54.6	61.1
	2011	652	57.5	13.5	10.4	12.7	57.5	3.0	2.9	57.4	57.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M05_09 (M031218): Number / Applying
Label: 600 books to be packed into boxes - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	671	30.8	25.0	15.1	22.3	30.8	4.7	2.0	30.3	31.2
	2011	693	30.9	21.2	15.7	24.2	30.9	5.5	2.5	29.0	33.0
Tunisia	2007	592	30.3	11.6	14.1	21.3	30.3	12.6	10.0	35.3	25.4
	2011	703	30.5	10.6	13.9	27.4	30.5	10.7	6.9	29.8	31.2
United States	2007	1139	65.4	10.3	8.2	13.9	65.4	1.1	1.1	64.2	66.6
	2011	1787	62.6	8.8	8.3	16.5	62.6	2.0	1.7	58.9	66.3
International Avg. (25)	2007	15532	57.9	11.5	9.7	14.7	57.9	4.0	2.2	57.4	58.4
	2011	17529	57.9	11.1	10.9	14.6	57.9	3.4	2.1	56.7	59.1
Alberta, Canada	2007	574	47.9	16.7	14.1	17.9	47.9	2.4	1.0	41.7	53.0
	2011	510	43.4	17.9	15.6	16.6	43.4	2.6	3.9	39.2	46.9
Ontario, Canada	2007	503	43.8	18.9	16.2	17.0	43.8	3.1	1.0	46.6	40.7
	2011	644	42.0	18.0	20.2	14.8	42.0	2.6	2.4	38.7	45.2
Quebec, Canada	2007	564	52.1	14.2	11.7	16.6	52.1	4.0	1.5	50.5	53.5
	2011	609	50.8	19.0	8.8	14.5	50.8	3.6	3.3	51.5	50.3
Dubai, UAE	2007	431	40.1	12.6	19.3	18.6	40.1	7.6	1.8	43.0	37.5
	2011	875	46.5	17.2	14.7	16.8	46.5	2.7	2.0	45.0	47.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M05_10 (M031109): Geometric Shapes and Measures / Knowing
Label: The angles ordered by size - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	579	67.2	4.2	19.2	67.2	4.1	2.4	3.0	63.7	71.3
	2011	865	67.5	6.3	20.1	67.5	2.4	2.7	1.0	69.1	65.8
Austria	2007	688	62.6	4.2	25.4	62.6	3.0	4.8	0.0	63.1	62.1
	2011	664	60.7	6.6	26.2	60.7	1.8	3.8	0.9	66.0	55.4
Chinese Taipei	2007	590	66.1	0.7	31.6	66.1	0.8	0.8	0.0	64.2	68.0
	2011	610	69.6	1.0	27.9	69.6	1.0	0.5	0.0	70.9	68.5
Czech Republic	2007	607	62.6	7.0	21.6	62.6	4.5	3.6	0.6	71.2	55.3
	2011	663	59.9	5.1	26.0	59.9	4.0	2.4	2.5	61.4	58.5
Denmark	2007	491	65.6	3.8	20.5	65.6	2.8	4.0	3.3	68.2	63.2
	2011	564	56.2	5.1	25.0	56.2	3.0	5.8	5.0	57.1	55.2
England	2007	631	68.5	5.1	19.7	68.5	4.1	1.4	1.2	70.0	67.0
	2011	491	66.4	4.4	22.3	66.4	3.9	1.5	1.4	66.5	66.3
Georgia	2007	582	54.0	10.6	15.0	54.0	8.1	6.8	5.5	55.5	52.4
	2011	675	58.7	8.5	16.4	58.7	9.3	4.6	2.6	59.4	58.2
Germany	2007	745	64.8	4.4	23.5	64.8	2.3	3.8	1.3	69.7	60.3
	2011	571	66.1	5.0	21.9	66.1	2.8	3.3	0.9	70.0	62.3
Hong Kong SAR	2007	548	82.9	0.7	14.5	82.9	1.4	0.4	0.1	84.1	81.7
	2011	568	83.9	1.0	12.1	83.9	2.1	0.5	0.4	86.2	82.0
Hungary	2007	579	71.1	4.3	16.9	71.1	4.0	2.3	1.3	72.6	69.3
	2011	735	72.3	3.2	18.4	72.3	3.7	1.4	1.0	77.4	67.6
Iran, Islamic Rep. of	2007	542	27.2	17.4	32.7	27.2	7.4	7.2	8.1	25.2	29.5
	2011	815	27.5	15.1	38.7	27.5	8.0	4.4	6.3	24.6	30.2
Italy	2007	644	66.7	4.6	21.2	66.7	3.4	1.9	2.1	67.4	66.2
	2011	612	64.1	5.6	21.4	64.1	4.3	2.3	2.3	67.0	61.1
Japan	2007	629	92.8	1.1	2.6	92.8	2.1	1.1	0.4	92.9	92.7
	2011	628	93.7	0.9	2.9	93.7	1.2	0.3	1.0	94.6	92.9
Kuwait	2007	547	40.6	11.8	23.1	40.6	9.7	6.2	8.5	45.4	35.7
	2011	580	45.6	10.4	25.1	45.6	8.2	6.1	4.5	48.6	42.0
Lithuania	2007	552	63.3	4.8	24.8	63.3	4.1	3.0	0.0	62.7	63.7
	2011	667	67.5	3.5	23.3	67.5	3.5	1.2	0.9	66.7	68.2
Netherlands	2007	482	78.7	2.6	15.8	78.7	2.0	0.2	0.7	75.5	81.3
	2011	443	81.3	1.1	13.5	81.3	3.0	0.2	0.9	81.5	81.0
New Zealand	2007	715	54.8	7.6	26.7	54.8	6.6	3.0	1.3	57.8	52.1
	2011	782	54.3	7.8	26.0	54.3	7.3	3.3	1.2	54.2	54.4
Norway	2007	575	50.3	9.0	24.8	50.3	5.9	4.7	5.3	53.0	47.5
	2011	433	53.7	6.5	25.7	53.7	5.1	3.6	5.4	52.7	54.6
Russian Federation	2007	635	76.1	3.2	13.7	76.1	3.1	2.1	1.8	76.9	75.2
	2011	629	71.4	3.3	16.6	71.4	4.7	1.1	3.0	71.0	71.7
Singapore	2007	716	87.4	1.6	9.2	87.4	1.5	0.2	0.2	88.6	86.3
	2011	913	89.6	0.8	7.7	89.6	1.3	0.2	0.5	90.4	88.7
Slovak Republic	2007	712	54.9	7.4	24.0	54.9	6.0	4.8	2.9	55.7	54.3
	2011	789	62.5	6.4	25.7	62.5	2.5	1.4	1.5	64.3	61.0
Slovenia	2007	615	64.5	6.9	23.3	64.5	2.7	1.3	1.4	64.5	64.4
	2011	654	66.4	5.2	21.2	66.4	2.7	1.2	3.3	70.7	62.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M05_10 (M031109): Geometric Shapes and Measures / Knowing
Label: The angles ordered by size - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	671	57.4	4.6	27.7	57.4	5.7	2.4	2.3	62.1	52.3
	2011	693	58.2	5.3	27.3	58.2	2.3	4.2	2.6	57.3	59.2
Tunisia	2007	592	31.8	8.5	22.5	31.8	11.2	14.7	11.4	33.0	30.7
	2011	703	35.4	8.6	24.5	35.4	9.2	14.4	7.9	36.9	34.0
United States	2007	1139	78.2	2.8	13.3	78.2	3.3	1.1	1.4	78.5	78.0
	2011	1787	77.6	2.0	14.1	77.6	2.5	1.9	1.9	80.5	74.7
International Avg. (25)	2007	15806	63.6	5.6	20.5	63.6	4.4	3.4	2.6	64.9	62.4
	2011	17534	64.4	5.1	21.2	64.4	4.0	2.9	2.4	65.8	63.0
Alberta, Canada	2007	574	67.6	5.1	20.0	67.6	3.6	2.5	1.2	72.0	63.8
	2011	510	62.6	6.9	22.0	62.6	2.4	1.3	4.7	64.4	61.1
Ontario, Canada	2007	503	69.5	4.5	21.6	69.5	1.5	1.1	1.8	70.3	68.7
	2011	644	66.1	4.5	23.1	66.1	2.6	1.1	2.7	67.3	65.0
Quebec, Canada	2007	564	76.2	3.3	14.4	76.2	2.2	2.3	1.6	80.4	72.4
	2011	609	68.4	5.6	17.6	68.4	3.2	1.2	4.1	70.8	66.1
Dubai, UAE	2007	431	51.8	7.4	24.4	51.8	9.1	3.8	3.4	57.6	46.6
	2011	875	60.9	9.0	20.3	60.9	5.7	2.2	2.0	62.8	59.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M05_11 (M031159): Geometric Shapes and Measures / Knowing
Label: Rotate the shape 1/4 clockwise - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	578	73.3	73.3	8.7	9.2	2.6	3.2	3.0	69.4	77.9
	2011	865	75.5	75.5	10.0	7.3	3.4	2.6	1.2	75.3	75.7
Austria	2007	688	79.2	79.2	7.2	6.7	2.2	4.4	0.3	81.5	76.9
	2011	664	70.5	70.5	9.0	8.8	2.3	8.3	1.0	68.6	72.5
Chinese Taipei	2007	590	88.7	88.7	3.2	5.0	2.0	1.0	0.0	89.6	87.9
	2011	610	89.4	89.4	3.1	4.6	2.0	0.9	0.0	90.5	88.5
Czech Republic	2007	607	70.0	70.0	8.5	7.1	2.8	10.7	0.9	69.6	70.4
	2011	663	73.9	73.9	8.4	8.2	1.7	5.0	2.9	71.7	75.9
Denmark	2007	491	67.0	67.0	9.7	8.9	1.6	8.2	4.6	69.7	64.5
	2011	564	66.5	66.5	9.6	8.2	3.5	6.9	5.4	63.9	69.1
England	2007	631	78.5	78.5	7.4	6.7	3.6	2.3	1.5	81.9	75.1
	2011	491	76.3	76.3	7.5	7.9	3.1	3.7	1.5	76.7	75.8
Georgia	2007	582	41.1	41.1	18.3	15.0	9.1	9.3	7.2	41.4	40.8
	2011	675	37.2	37.2	20.4	18.6	7.8	12.8	3.2	38.4	36.2
Germany	2007	745	75.5	75.5	7.6	8.2	1.9	5.4	1.4	73.9	76.8
	2011	571	74.0	74.0	9.1	7.2	3.7	4.9	1.0	74.0	74.0
Hong Kong SAR	2007	548	86.7	86.7	5.5	5.2	2.2	0.0	0.4	83.8	89.5
	2011	568	87.2	87.2	4.9	4.7	2.4	0.5	0.4	90.4	84.5
Hungary	2007	579	71.1	71.1	9.7	8.3	5.5	3.8	1.6	71.1	71.1
	2011	736	75.5	75.5	9.0	8.9	2.5	2.7	1.3	76.3	74.8
Iran, Islamic Rep. of	2007	542	29.4	29.4	16.6	23.1	10.5	11.7	8.7	30.7	27.9
	2011	815	37.2	37.2	16.0	21.9	10.0	8.2	6.8	33.8	40.4
Italy	2007	643	76.4	76.4	5.4	7.4	3.1	5.0	2.6	75.0	77.7
	2011	612	73.7	73.7	9.8	8.4	1.9	2.6	3.4	71.4	76.1
Japan	2007	629	79.2	79.2	6.7	6.4	4.1	3.1	0.6	78.8	79.6
	2011	628	78.4	78.4	7.3	8.0	3.7	1.6	1.0	77.3	79.5
Kuwait	2007	547	40.2	40.2	16.1	15.5	10.2	8.6	9.4	41.2	39.1
	2011	578	35.7	35.7	28.0	15.8	9.1	6.7	4.7	37.2	34.0
Lithuania	2007	552	75.1	75.1	8.7	7.4	2.9	4.4	1.5	74.6	75.6
	2011	667	71.8	71.8	11.7	9.6	3.6	2.4	1.0	72.5	71.2
Netherlands	2007	482	75.6	75.6	9.5	7.7	5.4	0.9	0.9	77.2	74.3
	2011	443	81.1	81.1	8.8	4.8	2.6	1.7	0.9	83.2	78.8
New Zealand	2007	715	74.6	74.6	9.4	8.1	3.4	2.6	1.9	73.8	75.3
	2011	782	68.7	68.7	10.7	10.4	4.3	4.3	1.5	67.1	70.4
Norway	2007	575	47.3	47.3	22.9	10.8	4.4	9.0	5.7	44.1	50.6
	2011	433	55.9	55.9	15.7	8.8	4.0	9.9	5.7	53.3	58.4
Russian Federation	2007	635	73.4	73.4	8.9	11.6	0.8	3.5	1.8	73.4	73.5
	2011	629	70.1	70.1	9.1	11.3	3.7	2.8	3.0	70.0	70.2
Singapore	2007	716	83.4	83.4	5.7	8.3	2.2	0.2	0.2	81.9	84.6
	2011	913	85.9	85.9	4.9	5.6	3.1	0.0	0.5	86.9	85.0
Slovak Republic	2007	712	69.1	69.1	8.8	9.4	4.5	4.8	3.3	66.0	71.9
	2011	789	71.3	71.3	11.7	8.8	2.9	3.7	1.7	68.7	73.5
Slovenia	2007	615	69.5	69.5	10.0	10.2	4.8	4.0	1.6	67.3	71.6
	2011	652	64.5	64.5	11.5	10.8	4.4	5.3	3.6	62.3	66.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M05_11 (M031159): Geometric Shapes and Measures / Knowing
Label: Rotate the shape 1/4 clockwise - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	671	59.8	59.8	16.0	10.4	4.9	6.2	2.6	60.1	59.5
	2011	693	60.8	60.8	11.6	11.7	4.1	8.3	3.5	58.6	62.9
Tunisia	2007	592	22.7	22.7	18.4	15.0	6.7	25.0	12.1	23.2	22.3
	2011	703	22.2	22.2	19.3	24.8	6.9	17.2	9.6	21.3	22.9
United States	2007	1139	77.5	77.5	7.8	9.7	2.5	1.0	1.6	75.5	79.5
	2011	1787	77.6	77.6	6.5	8.7	2.6	2.6	1.9	77.4	77.8
International Avg. (25)	2007	15804	67.4	67.4	10.3	9.7	4.2	5.5	3.0	67.0	67.8
	2011	17531	67.2	67.2	10.9	10.2	4.0	5.0	2.7	66.7	67.8
Alberta, Canada	2007	574	74.0	74.0	10.4	8.7	2.2	2.9	1.8	71.8	75.8
	2011	510	74.5	74.5	8.0	8.7	1.5	2.1	5.1	76.6	72.8
Ontario, Canada	2007	503	74.3	74.3	8.0	10.2	4.0	1.6	1.8	69.0	80.2
	2011	644	74.1	74.1	8.1	9.7	3.2	2.2	2.7	76.1	72.2
Quebec, Canada	2007	564	61.7	61.7	13.4	12.6	2.8	7.9	1.6	66.1	57.7
	2011	609	66.1	66.1	11.6	9.6	5.2	3.2	4.3	70.2	62.0
Dubai, UAE	2007	431	50.1	50.1	16.9	16.9	5.5	7.0	3.6	48.1	52.0
	2011	875	62.1	62.1	13.6	13.2	6.6	2.4	2.1	63.2	61.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M05_12 (M031133): Data Display / Applying
Label: Favorite colors of Darin's friends - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	580	89.3	0.8	3.2	2.1	1.5	3.1	89.3	90.4	88.1
	2011	865	84.3	1.0	8.0	1.6	3.6	1.5	84.3	85.9	82.6
Austria	2007	688	82.2	1.0	9.2	2.6	4.5	0.4	82.2	80.1	84.4
	2011	664	80.5	3.3	9.4	1.6	3.4	1.8	80.5	79.9	81.1
Chinese Taipei	2007	590	93.6	0.0	4.2	1.7	0.6	0.0	93.6	93.5	93.7
	2011	610	86.6	2.4	8.7	0.0	2.3	0.0	86.6	87.2	86.0
Czech Republic	2007	607	74.1	0.8	7.8	8.7	7.4	1.2	74.1	75.1	73.3
	2011	663	77.1	1.9	6.3	5.3	5.8	3.6	77.1	79.0	75.4
Denmark	2007	491	82.7	0.0	4.5	3.3	3.4	6.1	82.7	83.2	82.3
	2011	564	83.8	0.4	1.0	3.5	5.0	6.2	83.8	87.1	80.4
England	2007	631	89.8	0.2	6.8	0.7	0.6	2.0	89.8	92.4	87.2
	2011	491	89.4	0.3	4.5	1.7	2.2	1.8	89.4	93.0	86.1
Georgia	2007	581	48.3	3.8	9.8	12.7	17.0	8.4	48.3	47.7	48.9
	2011	674	56.5	10.0	9.7	10.7	8.6	4.5	56.5	57.5	55.6
Germany	2007	745	84.8	2.0	6.4	1.1	4.0	1.7	84.8	86.3	83.5
	2011	571	88.0	1.2	6.0	0.7	2.7	1.3	88.0	88.3	87.8
Hong Kong SAR	2007	548	96.4	0.2	2.4	0.0	0.6	0.4	96.4	97.5	95.3
	2011	568	94.6	0.3	3.2	0.7	0.8	0.4	94.6	94.4	94.8
Hungary	2007	579	78.5	2.4	9.8	2.8	4.2	2.2	78.5	78.2	78.9
	2011	736	83.0	2.0	6.7	4.0	2.6	1.7	83.0	82.9	83.0
Iran, Islamic Rep. of	2007	542	47.7	4.6	15.7	10.6	11.3	10.1	47.7	47.6	47.9
	2011	817	54.1	3.7	11.3	11.9	11.0	8.0	54.1	53.8	54.4
Italy	2007	644	74.0	0.6	12.2	4.1	5.3	3.8	74.0	71.7	76.1
	2011	612	76.9	2.6	7.3	6.0	3.4	3.8	76.9	80.0	73.6
Japan	2007	629	88.3	0.3	9.8	0.4	0.5	0.7	88.3	89.6	87.0
	2011	628	92.7	0.8	4.6	0.7	0.3	1.0	92.7	92.0	93.4
Kuwait	2007	547	27.1	5.9	11.2	28.3	16.2	11.4	27.1	28.3	25.9
	2011	589	54.9	6.2	5.9	17.3	9.9	5.7	54.9	63.1	45.2
Lithuania	2007	552	89.4	0.1	6.0	0.7	1.3	2.6	89.4	87.7	90.7
	2011	667	87.2	0.3	8.0	1.0	2.3	1.3	87.2	89.6	85.1
Netherlands	2007	482	89.6	0.1	7.2	2.0	0.3	0.9	89.6	92.4	87.4
	2011	443	90.9	2.3	3.3	1.2	1.4	0.9	90.9	89.7	92.1
New Zealand	2007	715	82.1	1.3	10.8	2.8	1.2	1.9	82.1	81.4	82.6
	2011	782	80.8	2.3	9.5	3.7	1.9	1.8	80.8	82.1	79.4
Norway	2007	575	69.6	2.4	11.8	6.1	3.5	6.6	69.6	65.1	74.1
	2011	433	73.7	3.7	9.9	3.1	3.6	5.9	73.7	72.1	75.3
Russian Federation	2007	635	79.9	0.8	7.5	3.6	6.1	2.2	79.9	79.0	81.0
	2011	629	81.2	0.8	8.0	5.1	1.9	3.2	81.2	82.5	80.0
Singapore	2007	716	94.6	0.1	3.3	0.8	0.9	0.4	94.6	93.7	95.3
	2011	913	94.9	0.6	3.2	0.2	0.6	0.5	94.9	94.3	95.5
Slovak Republic	2007	712	71.9	0.4	7.5	9.7	7.2	3.4	71.9	69.7	73.9
	2011	789	77.4	3.0	7.7	6.5	3.2	2.2	77.4	77.0	77.7
Slovenia	2007	615	87.1	1.4	6.1	2.2	0.6	2.6	87.1	90.8	83.6
	2011	654	80.0	0.7	8.4	3.1	3.7	4.1	80.0	78.5	81.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M05_12 (M031133): Data Display / Applying
Label: Favorite colors of Darin's friends - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	671	86.9	0.9	5.3	1.7	2.2	2.9	86.9	89.5	84.1
	2011	693	83.3	0.8	7.1	0.4	3.6	4.7	83.3	85.9	80.7
Tunisia	2007	592	20.5	1.5	14.0	30.7	17.9	15.4	20.5	21.2	19.8
	2011	703	23.9	5.3	8.9	37.7	12.8	11.4	23.9	25.0	22.9
United States	2007	1139	83.4	0.4	11.9	0.1	2.4	1.8	83.4	80.6	86.1
	2011	1787	77.8	0.2	17.6	1.0	1.3	2.0	77.8	76.4	79.3
International Avg. (25)	2007	15806	76.5	1.3	8.2	5.6	4.8	3.7	76.5	76.5	76.4
	2011	17545	78.1	2.2	7.4	5.2	3.9	3.2	78.1	79.1	77.2
Alberta, Canada	2007	574	86.3	0.9	8.5	0.2	2.3	1.8	86.3	85.9	86.7
	2011	510	80.8	0.6	6.7	3.0	3.8	5.1	80.8	83.5	78.6
Ontario, Canada	2007	503	86.1	0.1	9.6	0.0	2.3	2.0	86.1	86.8	85.4
	2011	644	87.2	0.3	6.5	1.2	1.8	3.0	87.2	88.4	86.1
Quebec, Canada	2007	564	89.2	0.1	5.6	2.2	0.9	2.0	89.2	92.4	86.3
	2011	609	88.9	1.3	1.4	1.3	2.5	4.5	88.9	89.6	88.2
Dubai, UAE	2007	431	65.4	2.4	12.4	5.7	9.6	4.6	65.4	66.1	64.6
	2011	875	75.0	2.5	10.8	4.5	5.1	2.2	75.0	78.0	72.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_01 (M041107): Number / Applying
Label: Number sentence for a situation - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	81.3	6.3	2.6	81.3	3.8	5.5	0.4	82.5	79.8
	2011	865	83.5	5.6	2.6	83.5	4.4	3.8	0.0	84.0	83.0
Austria	2007	695	89.2	2.2	3.0	89.2	3.1	2.4	0.0	88.4	90.2
	2011	661	90.4	2.7	2.2	90.4	2.3	2.4	0.0	91.6	89.2
Chinese Taipei	2007	588	94.0	2.2	0.9	94.0	1.0	1.9	0.0	94.5	93.5
	2011	612	95.8	2.1	0.3	95.8	0.3	1.5	0.0	97.7	94.1
Czech Republic	2007	610	86.1	3.7	2.3	86.1	3.0	4.7	0.1	87.6	84.7
	2011	647	86.3	4.0	1.7	86.3	1.9	6.1	0.0	88.1	84.4
Denmark	2007	482	76.5	7.0	2.7	76.5	2.9	9.7	1.3	79.2	73.5
	2011	555	75.5	3.4	3.2	75.5	5.4	12.3	0.2	75.7	75.4
England	2007	614	86.0	3.8	2.1	86.0	2.5	5.5	0.1	88.1	84.0
	2011	490	84.4	3.7	3.4	84.4	3.0	5.4	0.0	84.4	84.4
Georgia	2007	590	77.1	6.7	2.7	77.1	0.8	11.4	1.3	83.3	70.5
	2011	686	74.1	10.7	2.0	74.1	1.0	11.3	0.7	75.9	72.7
Germany	2007	741	91.0	1.6	1.8	91.0	0.8	4.6	0.1	92.0	90.1
	2011	573	88.5	3.8	2.4	88.5	0.8	4.5	0.0	89.8	87.3
Hong Kong SAR	2007	537	93.2	1.6	1.9	93.2	1.7	1.7	0.0	93.1	93.3
	2011	567	90.7	2.9	1.0	90.7	1.4	3.9	0.0	91.0	90.5
Hungary	2007	574	87.0	3.5	3.7	87.0	0.4	4.1	1.3	86.9	87.0
	2011	745	86.2	3.6	3.0	86.2	1.6	5.0	0.6	89.6	83.2
Iran, Islamic Rep. of	2007	553	65.5	14.7	3.2	65.5	4.2	10.7	1.7	63.6	67.6
	2011	817	68.4	10.6	5.4	68.4	2.9	12.1	0.6	67.0	69.7
Italy	2007	644	85.6	4.7	1.4	85.6	0.6	7.7	0.0	84.3	86.8
	2011	595	81.3	4.3	2.2	81.3	0.7	11.5	0.0	79.9	82.8
Japan	2007	642	93.4	2.2	0.7	93.4	1.3	2.4	0.0	93.7	93.1
	2011	637	93.7	1.8	2.0	93.7	1.5	1.0	0.0	93.1	94.2
Kuwait	2007	537	45.9	11.4	6.0	45.9	3.4	32.1	1.1	47.1	44.6
	2011	565	45.6	11.3	4.1	45.6	3.9	34.5	0.6	52.3	37.6
Lithuania	2007	559	86.9	3.7	2.9	86.9	1.6	4.1	0.8	87.0	86.8
	2011	678	86.8	4.2	3.0	86.8	0.8	5.1	0.0	90.4	83.8
Netherlands	2007	477	92.3	2.1	1.9	92.3	2.1	1.6	0.0	89.9	94.3
	2011	451	91.5	0.9	2.4	91.5	1.6	3.6	0.0	92.8	90.1
New Zealand	2007	702	80.0	4.4	1.7	80.0	4.5	9.4	0.0	81.6	78.7
	2011	790	75.9	6.3	5.5	75.9	3.2	8.7	0.4	79.4	72.5
Norway	2007	585	78.2	5.2	4.1	78.2	2.3	10.0	0.1	79.0	77.3
	2011	423	83.5	4.7	1.6	83.5	2.6	7.2	0.4	83.0	84.1
Russian Federation	2007	632	92.8	4.5	1.0	92.8	0.2	1.5	0.0	93.5	92.0
	2011	639	92.4	3.5	1.2	92.4	0.1	2.8	0.0	92.2	92.5
Singapore	2007	712	91.6	3.8	1.5	91.6	2.3	0.6	0.1	91.9	91.4
	2011	913	91.3	3.4	2.9	91.3	1.4	1.1	0.0	92.1	90.4
Slovak Republic	2007	711	83.6	5.2	3.5	83.6	2.3	5.2	0.2	85.1	82.2
	2011	785	88.7	4.9	1.0	88.7	1.2	4.2	0.1	87.4	89.8
Slovenia	2007	623	83.5	4.3	2.9	83.5	3.9	5.0	0.4	87.7	79.6
	2011	644	88.4	2.6	2.3	88.4	1.6	5.0	0.2	87.3	89.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M06_01 (M041107): Number / Applying

Label: Number sentence for a situation - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	85.2	2.5	2.2	85.2	3.5	6.4	0.3	88.4	82.1
	2011	680	82.8	1.0	1.1	82.8	2.9	11.7	0.5	86.2	79.5
Tunisia	2007	591	47.8	6.1	5.0	47.8	5.9	32.3	3.0	52.2	43.8
	2011	650	51.4	10.6	7.1	51.4	6.0	22.6	2.4	54.7	48.0
United States	2007	1138	90.9	3.1	1.3	90.9	2.7	1.8	0.1	89.4	92.4
	2011	1802	91.6	3.6	0.9	91.6	2.2	1.6	0.1	90.5	92.7

International Avg. (25)	2007	15788	82.6	4.7	2.5	82.6	2.4	7.3	0.5	83.6	81.6
	2011	17470	82.7	4.6	2.6	82.7	2.2	7.6	0.3	83.8	81.6

Alberta, Canada	2007	571	84.9	3.7	1.6	84.9	1.2	8.4	0.1	85.4	84.3
	2011	515	84.5	2.8	2.4	84.5	3.7	6.5	0.1	86.3	83.2
Ontario, Canada	2007	500	84.2	4.8	1.7	84.2	3.1	6.1	0.0	88.8	80.0
	2011	637	84.7	5.0	2.3	84.7	1.5	6.3	0.1	84.7	84.8
Quebec, Canada	2007	564	84.1	2.4	3.9	84.1	2.1	7.5	0.0	84.1	84.1
	2011	604	86.1	2.4	0.8	86.1	2.0	8.7	0.0	89.2	83.1
Dubai, UAE	2007	436	30.8	11.6	10.7	30.8	33.5	13.4	0.0	33.0	28.8
	2011	890	72.3	7.1	3.8	72.3	4.0	12.7	0.1	73.1	71.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M06_02 (M041011): Number / Knowing
Label: Number 100 more than 5432 - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	65.5	23.5	65.5	3.5	4.0	2.5	0.9	60.4	72.4
	2011	865	72.7	20.9	72.7	2.0	2.3	2.0	0.0	68.7	77.0
Austria	2007	695	73.1	21.7	73.1	1.7	2.1	1.4	0.0	69.0	77.7
	2011	661	75.3	19.8	75.3	1.5	2.4	1.0	0.0	72.3	78.3
Chinese Taipei	2007	588	90.0	7.9	90.0	1.5	0.2	0.5	0.0	88.2	91.7
	2011	612	94.0	4.7	94.0	0.8	0.2	0.2	0.2	94.2	93.8
Czech Republic	2007	610	74.6	20.3	74.6	2.2	1.7	1.1	0.1	72.7	76.4
	2011	647	79.5	16.0	79.5	2.6	1.4	0.5	0.0	73.9	85.3
Denmark	2007	482	53.8	26.6	53.8	4.0	7.1	7.1	1.3	46.8	61.4
	2011	555	57.4	23.3	57.4	4.7	6.2	8.3	0.2	50.2	64.5
England	2007	614	73.4	20.3	73.4	2.5	2.6	1.1	0.1	73.6	73.2
	2011	490	73.2	19.6	73.2	3.5	2.5	1.3	0.0	74.0	72.4
Georgia	2007	590	57.0	32.4	57.0	2.8	3.3	3.1	1.3	55.8	58.3
	2011	686	59.5	26.6	59.5	2.7	6.3	4.1	0.8	54.3	63.6
Germany	2007	741	75.7	17.9	75.7	2.9	2.4	1.0	0.1	72.0	79.4
	2011	573	72.6	21.5	72.6	1.6	1.8	2.5	0.0	66.1	79.0
Hong Kong SAR	2007	537	78.0	15.5	78.0	3.4	2.8	0.3	0.0	76.8	79.2
	2011	567	83.1	12.5	83.1	2.3	1.3	0.8	0.0	87.2	80.2
Hungary	2007	574	73.0	18.5	73.0	4.2	1.2	1.8	1.3	67.9	78.3
	2011	745	72.9	18.0	72.9	3.5	2.5	2.3	0.7	70.9	74.7
Iran, Islamic Rep. of	2007	553	34.3	46.0	34.3	8.5	6.3	3.2	1.7	31.4	37.5
	2011	817	41.6	40.4	41.6	5.9	7.8	3.7	0.6	36.4	46.2
Italy	2007	644	61.6	28.1	61.6	3.9	3.2	3.0	0.1	56.3	66.8
	2011	595	62.4	25.4	62.4	4.4	3.6	3.8	0.4	59.4	65.4
Japan	2007	642	87.9	10.5	87.9	0.4	0.7	0.5	0.0	83.1	92.6
	2011	637	88.3	9.8	88.3	0.9	0.9	0.1	0.0	84.9	91.5
Kuwait	2007	537	36.4	36.2	36.4	10.6	8.8	6.4	1.5	30.5	43.0
	2011	581	35.0	33.2	35.0	13.8	11.5	5.9	0.6	33.2	37.1
Lithuania	2007	559	74.5	20.3	74.5	1.5	1.4	1.5	0.8	63.9	83.3
	2011	678	75.8	19.0	75.8	1.9	2.6	0.8	0.0	69.2	81.5
Netherlands	2007	477	84.6	8.9	84.6	3.8	1.4	1.3	0.0	85.0	84.2
	2011	451	84.7	11.7	84.7	0.9	1.6	1.0	0.0	79.6	89.9
New Zealand	2007	702	66.1	22.4	66.1	5.7	4.2	1.7	0.0	60.7	70.3
	2011	790	65.6	24.0	65.6	5.7	2.9	1.4	0.5	59.7	71.0
Norway	2007	585	57.4	30.5	57.4	4.0	4.0	3.7	0.4	49.0	67.1
	2011	423	61.9	22.2	61.9	4.9	6.9	3.5	0.6	52.8	70.2
Russian Federation	2007	632	77.7	16.0	77.7	3.0	2.3	1.1	0.0	77.2	78.2
	2011	639	81.8	12.6	81.8	2.9	1.5	1.2	0.0	79.3	83.7
Singapore	2007	712	94.3	2.3	94.3	1.8	0.9	0.5	0.1	93.5	95.0
	2011	913	94.8	3.4	94.8	1.1	0.4	0.4	0.0	94.3	95.3
Slovak Republic	2007	711	73.6	18.3	73.6	2.5	2.9	2.2	0.3	72.1	75.0
	2011	785	77.6	16.1	77.6	3.1	2.6	0.6	0.1	73.6	81.1
Slovenia	2007	623	69.1	24.3	69.1	2.9	1.5	1.9	0.4	62.5	75.3
	2011	645	72.2	22.2	72.2	2.1	2.3	1.0	0.2	67.9	76.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M06_02 (M041011): Number / Knowing
Label: Number 100 more than 5432 - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	74.2	18.5	74.2	2.4	1.9	2.5	0.5	69.2	79.0
	2011	680	77.1	15.7	77.1	2.2	1.7	2.7	0.7	72.1	81.9
Tunisia	2007	591	39.8	25.7	39.8	10.2	6.7	13.6	3.9	43.3	36.6
	2011	685	46.9	23.6	46.9	10.4	8.3	8.3	2.5	46.3	47.5
United States	2007	1138	78.9	14.7	78.9	2.2	2.0	2.0	0.1	75.4	82.3
	2011	1802	80.1	15.4	80.1	2.1	0.9	1.2	0.2	76.0	84.3
International Avg. (25)	2007	15788	69.0	21.1	69.0	3.7	3.0	2.6	0.6	65.4	72.6
	2011	17522	71.4	19.1	71.4	3.5	3.3	2.3	0.3	67.9	74.9
Alberta, Canada	2007	571	69.5	22.1	69.5	2.5	3.8	2.1	0.1	62.3	76.2
	2011	515	67.5	26.4	67.5	2.1	2.4	1.4	0.3	62.5	71.4
Ontario, Canada	2007	500	65.4	28.5	65.4	2.4	2.4	1.4	0.0	55.8	74.2
	2011	637	63.7	30.0	63.7	3.4	2.3	0.4	0.1	58.3	69.2
Quebec, Canada	2007	564	71.5	20.7	71.5	2.3	2.8	2.8	0.0	65.1	76.5
	2011	604	73.2	19.6	73.2	2.3	2.1	2.8	0.0	68.8	77.2
Dubai, UAE	2007	436	53.7	30.8	53.7	3.6	7.9	3.7	0.3	48.2	58.8
	2011	890	57.3	30.4	57.3	4.9	5.1	2.3	0.1	50.4	63.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M06_03 (M041122): Number / Knowing

Label: Numbers which are factor of 12 - Points: 2

COUNTRY	YEAR	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	24.6	12.3	53.8	8.4	0.9	36.9	24.6	22.3	27.7
	2011	865	29.0	13.0	53.9	4.1	0.0	42.0	29.0	27.5	30.6
Austria	2007	695	13.6	22.1	60.6	3.7	0.0	35.7	13.6	11.9	15.7
	2011	661	12.0	16.2	68.3	3.5	0.0	28.2	12.0	11.1	12.8
Chinese Taipei	2007	588	15.3	10.8	68.1	5.8	0.0	26.1	15.3	13.7	16.9
	2011	612	16.1	11.5	65.0	7.2	0.2	27.6	16.1	15.8	16.3
Czech Republic	2007	610	20.5	25.8	47.9	5.5	0.3	46.3	20.5	23.0	18.1
	2011	647	24.5	23.6	49.2	2.8	0.0	48.0	24.5	20.5	28.5
Denmark	2007	482	38.8	27.6	27.9	4.3	1.3	66.4	38.8	34.0	43.9
	2011	555	36.7	28.2	27.5	7.2	0.3	64.9	36.7	36.7	36.7
England	2007	614	34.4	15.4	46.5	3.5	0.2	49.8	34.4	32.3	36.5
	2011	490	41.6	15.3	39.3	3.8	0.0	56.9	41.6	37.4	45.8
Georgia	2007	590	24.4	27.9	38.9	7.5	1.3	52.2	24.4	25.4	23.2
	2011	686	16.4	22.2	55.9	4.6	0.8	38.7	16.4	15.8	16.9
Germany	2007	741	40.0	25.3	30.8	3.8	0.1	65.3	40.0	35.0	45.0
	2011	573	40.0	21.8	35.4	2.9	0.0	61.7	40.0	32.7	47.1
Hong Kong SAR	2007	537	85.1	9.6	4.8	0.4	0.0	94.8	85.1	87.2	83.0
	2011	567	88.4	5.1	5.9	0.5	0.0	93.5	88.4	89.5	87.6
Hungary	2007	574	50.9	18.6	24.6	4.6	1.3	69.5	50.9	47.5	54.5
	2011	744	51.4	19.2	24.7	4.0	0.7	70.6	51.4	53.1	50.0
Iran, Islamic Rep. of	2007	553	3.9	9.7	69.8	15.0	1.7	13.6	3.9	3.9	3.8
	2011	817	7.3	12.4	66.9	12.7	0.8	19.7	7.3	5.4	9.1
Italy	2007	645	26.4	25.4	39.5	8.5	0.1	51.9	26.4	24.1	28.6
	2011	595	26.7	24.8	41.1	7.0	0.4	51.4	26.7	25.7	27.7
Japan	2007	642	6.6	4.1	85.1	4.2	0.0	10.7	6.6	7.3	5.9
	2011	637	7.6	5.6	83.6	3.2	0.0	13.2	7.6	8.3	7.1
Kuwait	2007	537	9.8	14.3	59.8	14.0	2.2	24.1	9.8	11.4	8.0
	2011	589	20.7	17.4	52.8	8.5	0.6	38.2	20.7	23.3	17.7
Lithuania	2007	559	35.5	31.3	26.6	5.8	0.8	66.8	35.5	32.7	37.9
	2011	678	35.8	28.4	30.3	5.5	0.0	64.2	35.8	33.6	37.6
Netherlands	2007	477	27.4	23.2	46.6	2.8	0.0	50.6	27.4	23.1	30.9
	2011	451	27.0	21.9	48.8	2.3	0.0	48.9	27.0	24.6	29.3
New Zealand	2007	702	9.1	11.6	71.5	7.9	0.0	20.6	9.1	8.6	9.4
	2011	790	15.3	8.4	72.4	3.3	0.5	23.7	15.3	14.4	16.1
Norway	2007	585	4.7	4.5	77.7	12.5	0.7	9.1	4.7	4.7	4.6
	2011	423	5.4	6.0	77.1	10.9	0.6	11.4	5.4	7.9	3.0
Russian Federation	2007	632	43.4	27.0	25.7	3.6	0.4	70.4	43.4	42.2	44.6
	2011	639	43.6	32.7	21.5	2.2	0.0	76.3	43.6	45.3	42.3
Singapore	2007	712	75.9	10.9	12.7	0.5	0.1	86.7	75.9	77.7	74.3
	2011	913	78.9	11.0	9.6	0.5	0.0	89.9	78.9	81.4	76.4
Slovak Republic	2007	711	32.3	22.4	41.3	3.4	0.7	54.7	32.3	32.9	31.9
	2011	785	29.4	28.5	39.3	2.8	0.1	57.9	29.4	28.1	30.6
Slovenia	2007	623	25.3	25.2	47.6	1.5	0.4	50.5	25.3	25.5	25.1
	2011	646	31.5	31.6	33.0	3.7	0.2	63.1	31.5	28.1	34.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_03 (M041122): Number / Knowing
Label: Numbers which are factor of 12 - Points: 2

COUNTRY	YEAR	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	6.1	9.0	63.2	21.1	0.6	15.1	6.1	6.6	5.7
	2011	680	6.4	5.3	71.9	15.7	0.7	11.7	6.4	6.4	6.5
Tunisia	2007	591	4.1	9.8	64.0	18.1	3.9	13.9	4.1	4.0	4.2
	2011	700	4.5	9.7	70.5	12.7	2.7	14.1	4.5	2.7	6.2
United States	2007	1138	37.0	16.1	43.6	3.1	0.3	53.1	37.0	36.0	37.9
	2011	1802	46.3	13.7	37.7	2.0	0.3	60.0	46.3	45.0	47.6

International Avg. (25)	2007	15789	27.8	17.6	47.1	6.8	0.7	45.4	27.8	26.9	28.7
	2011	17545	29.7	17.3	47.3	5.3	0.4	47.0	29.7	28.8	30.6

Alberta, Canada	2007	571	7.5	10.3	73.2	8.9	0.1	17.8	7.5	5.5	9.4
	2011	515	10.5	10.3	75.5	3.4	0.3	20.8	10.5	9.4	11.4
Ontario, Canada	2007	500	9.1	8.2	75.6	7.1	0.0	17.3	9.1	6.7	11.4
	2011	637	7.9	12.0	74.8	5.1	0.1	20.0	7.9	6.5	9.4
Quebec, Canada	2007	564	29.4	11.6	51.2	7.8	0.0	40.9	29.4	25.5	32.4
	2011	604	30.2	17.8	45.6	6.3	0.0	48.1	30.2	30.1	30.3
Dubai, UAE	2007	436	24.6	13.9	49.3	11.7	0.5	38.5	24.6	24.0	25.1
	2011	890	28.7	15.3	48.7	7.1	0.1	44.0	28.7	25.7	31.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_04 (M041041): Number / Knowing

Label: Number closest to 9 multiply by 22 - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	61.5	10.9	12.5	61.5	11.7	2.4	1.0	61.7	61.1
	2011	865	64.4	10.7	12.7	64.4	10.8	1.3	0.0	59.4	69.8
Austria	2007	695	55.5	8.5	16.9	55.5	10.2	8.7	0.1	48.8	63.0
	2011	661	55.3	7.1	18.0	55.3	15.0	4.7	0.0	51.0	59.4
Chinese Taipei	2007	588	73.7	2.8	15.0	73.7	7.7	0.9	0.0	72.6	74.7
	2011	612	81.2	2.9	9.6	81.2	5.7	0.4	0.2	79.9	82.4
Czech Republic	2007	610	53.6	13.0	15.3	53.6	9.9	7.9	0.3	50.6	56.5
	2011	647	58.0	9.4	16.1	58.0	10.1	6.4	0.0	51.0	65.2
Denmark	2007	480	72.5	3.7	9.4	72.5	7.5	5.5	1.3	72.4	72.7
	2011	555	65.3	5.7	11.9	65.3	8.3	8.4	0.4	62.2	68.4
England	2007	614	71.8	5.4	10.5	71.8	9.8	2.4	0.2	68.2	75.2
	2011	490	70.1	6.9	10.7	70.1	10.6	1.7	0.0	68.7	71.7
Georgia	2007	589	43.8	11.9	25.7	43.8	9.9	7.0	1.6	41.5	46.3
	2011	686	60.7	8.6	17.3	60.7	8.7	3.8	0.9	57.0	63.5
Germany	2007	741	75.6	3.7	8.0	75.6	8.7	3.9	0.1	72.9	78.3
	2011	573	71.9	5.1	8.5	71.9	13.0	1.6	0.0	66.9	76.8
Hong Kong SAR	2007	537	78.5	4.3	10.7	78.5	5.7	0.8	0.0	77.3	79.7
	2011	567	81.5	4.2	9.3	81.5	4.3	0.7	0.0	79.5	83.0
Hungary	2007	574	64.1	3.3	14.4	64.1	13.2	3.5	1.4	64.1	64.2
	2011	744	64.4	6.8	13.1	64.4	13.0	1.9	0.8	62.7	65.9
Iran, Islamic Rep. of	2007	553	33.0	24.6	25.6	33.0	10.3	4.1	2.3	32.6	33.5
	2011	817	38.6	19.7	26.9	38.6	9.3	4.2	1.4	35.6	41.2
Italy	2007	645	53.7	8.3	22.7	53.7	11.2	3.9	0.1	47.2	59.9
	2011	595	55.8	11.1	21.2	55.8	8.4	3.1	0.6	51.4	60.3
Japan	2007	642	77.4	2.8	10.4	77.4	8.3	1.2	0.0	74.9	79.8
	2011	637	79.3	4.1	10.0	79.3	6.2	0.5	0.0	77.3	81.1
Kuwait	2007	537	38.5	12.7	22.5	38.5	14.6	9.3	2.4	37.2	40.0
	2011	576	38.1	18.7	15.5	38.1	13.9	13.3	0.6	40.0	35.8
Lithuania	2007	559	59.4	7.8	22.6	59.4	5.9	3.6	0.8	56.7	61.6
	2011	678	57.4	5.9	24.8	57.4	9.2	2.5	0.0	54.3	60.1
Netherlands	2007	477	83.4	2.5	7.5	83.4	6.6	0.0	0.0	81.5	84.9
	2011	451	83.1	3.6	7.7	83.1	5.4	0.2	0.0	82.0	84.2
New Zealand	2007	702	61.9	10.7	12.3	61.9	12.2	2.8	0.1	63.5	60.7
	2011	790	59.8	12.1	12.2	59.8	13.8	1.4	0.7	60.9	58.8
Norway	2007	585	64.8	6.8	12.0	64.8	9.8	6.0	0.7	65.6	63.8
	2011	423	67.2	7.8	10.3	67.2	9.4	4.6	0.6	65.7	68.6
Russian Federation	2007	632	65.5	4.8	19.8	65.5	7.2	1.3	1.3	65.2	65.9
	2011	639	61.0	7.0	25.9	61.0	4.9	1.2	0.0	59.7	62.0
Singapore	2007	712	81.8	4.6	7.6	81.8	5.3	0.6	0.1	81.3	82.2
	2011	913	81.0	3.5	9.7	81.0	5.3	0.5	0.0	81.2	80.9
Slovak Republic	2007	711	58.6	10.2	13.2	58.6	11.6	5.7	0.7	53.8	63.0
	2011	785	58.8	7.1	18.0	58.8	12.7	3.2	0.1	54.4	62.7
Slovenia	2007	623	51.1	10.8	20.1	51.1	13.3	4.2	0.4	45.1	56.7
	2011	646	57.5	10.5	15.1	57.5	11.5	5.2	0.2	53.8	61.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M06_04 (M041041): Number / Knowing
Label: Number closest to 9 multiply by 22 - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	69.5	6.0	9.1	69.5	8.4	5.8	1.1	67.3	71.7
	2011	680	66.7	5.7	10.1	66.7	10.6	5.8	1.2	60.2	73.0
Tunisia	2007	591	30.5	13.9	24.2	30.5	7.2	19.4	4.7	28.9	32.0
	2011	673	34.4	17.0	22.0	34.4	11.9	10.9	3.8	36.6	32.3
United States	2007	1138	66.1	7.1	14.2	66.1	10.3	1.7	0.5	64.6	67.6
	2011	1802	68.4	7.1	12.9	68.4	8.4	2.8	0.3	65.2	71.7
International Avg. (25)	2007	15786	61.8	8.1	15.3	61.8	9.5	4.5	0.9	59.8	63.8
	2011	17505	63.2	8.3	14.8	63.2	9.6	3.6	0.5	60.7	65.6
Alberta, Canada	2007	571	63.1	9.5	12.0	63.1	12.1	3.2	0.1	60.5	65.6
	2011	515	69.0	9.6	10.1	69.0	9.6	1.4	0.3	66.6	70.9
Ontario, Canada	2007	500	64.9	10.8	10.1	64.9	9.9	4.1	0.2	60.2	69.3
	2011	637	63.4	10.3	15.6	63.4	8.6	1.9	0.1	61.2	65.6
Quebec, Canada	2007	564	65.0	9.8	12.8	65.0	10.2	2.2	0.0	61.1	68.1
	2011	604	64.8	9.3	13.6	64.8	9.5	2.7	0.0	63.2	66.4
Dubai, UAE	2007	436	45.7	14.0	17.7	45.7	14.3	6.9	1.3	52.9	39.3
	2011	890	54.4	11.6	17.0	54.4	12.6	4.2	0.2	53.9	54.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M06_05 (M041320): Number / Knowing
Label: Equivalent fractions - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	53.4	13.3	21.3	8.3	53.4	2.6	1.0	51.1	56.3
	2011	865	62.0	12.1	18.9	5.8	62.0	1.3	0.0	58.6	65.5
Austria	2007	695	46.7	22.5	19.4	5.9	46.7	5.2	0.3	41.8	52.1
	2011	661	37.9	20.7	24.9	6.1	37.9	10.3	0.1	37.9	37.9
Chinese Taipei	2007	588	64.5	4.1	24.5	4.7	64.5	2.2	0.0	64.3	64.6
	2011	612	82.3	3.2	12.7	1.2	82.3	0.5	0.2	81.2	83.2
Czech Republic	2007	610	17.4	31.1	21.4	10.6	17.4	19.3	0.3	15.8	18.9
	2011	647	31.4	21.2	30.9	8.3	31.4	7.6	0.5	29.4	33.5
Denmark	2007	483	53.7	19.1	14.9	3.6	53.7	7.0	1.6	50.6	57.1
	2011	555	58.3	15.4	14.8	3.7	58.3	7.1	0.6	56.1	60.5
England	2007	614	74.4	6.9	11.0	5.4	74.4	2.1	0.3	73.3	75.6
	2011	490	68.3	6.3	19.0	5.2	68.3	0.9	0.3	68.0	68.5
Georgia	2007	589	35.3	13.9	33.3	7.7	35.3	6.8	3.0	32.8	37.9
	2011	686	31.3	16.7	38.7	6.8	31.3	4.9	1.5	29.4	32.8
Germany	2007	741	41.4	18.8	27.3	5.4	41.4	6.9	0.3	38.0	44.9
	2011	573	40.3	21.4	27.4	4.9	40.3	6.0	0.0	32.7	47.7
Hong Kong SAR	2007	537	89.2	2.5	5.5	2.2	89.2	0.5	0.0	92.2	86.1
	2011	567	87.6	2.6	6.8	2.3	87.6	0.6	0.0	88.7	86.8
Hungary	2007	574	49.9	18.6	18.1	7.0	49.9	5.1	1.4	46.1	53.8
	2011	745	47.0	15.9	24.6	8.3	47.0	3.4	0.8	46.6	47.4
Iran, Islamic Rep. of	2007	553	19.9	21.7	39.8	9.5	19.9	6.7	2.5	20.0	19.7
	2011	817	30.2	16.9	38.2	8.6	30.2	4.8	1.4	30.7	29.7
Italy	2007	645	44.1	16.8	27.0	6.3	44.1	5.1	0.7	40.5	47.5
	2011	595	42.0	14.6	31.3	7.0	42.0	4.6	0.6	41.7	42.3
Japan	2007	642	52.2	11.9	24.1	10.7	52.2	1.1	0.0	49.2	55.1
	2011	637	59.6	8.2	21.9	9.7	59.6	0.1	0.4	53.8	65.0
Kuwait	2007	537	18.4	18.9	39.3	12.8	18.4	7.6	2.9	17.8	19.0
	2011	580	24.5	16.5	44.2	9.1	24.5	5.1	0.6	25.2	23.6
Lithuania	2007	559	53.4	12.6	24.9	3.9	53.4	4.3	0.9	51.1	55.3
	2011	678	54.1	11.8	25.2	5.0	54.1	3.9	0.0	52.5	55.3
Netherlands	2007	477	66.1	14.4	13.0	5.0	66.1	1.5	0.0	62.4	69.1
	2011	451	72.4	8.9	13.8	3.9	72.4	0.9	0.0	70.8	74.0
New Zealand	2007	702	61.8	11.9	19.3	4.9	61.8	2.0	0.1	57.9	64.8
	2011	790	56.8	11.7	21.5	8.1	56.8	1.0	0.8	54.7	58.8
Norway	2007	585	36.3	23.6	29.7	6.8	36.3	2.7	0.9	34.2	38.9
	2011	423	44.2	17.0	26.9	6.6	44.2	4.6	0.8	45.2	43.2
Russian Federation	2007	632	39.5	22.4	22.8	8.7	39.5	5.3	1.3	38.8	40.4
	2011	639	42.5	20.7	24.1	8.5	42.5	4.0	0.1	45.6	40.1
Singapore	2007	712	86.3	2.8	8.4	1.8	86.3	0.5	0.1	86.8	86.0
	2011	913	88.6	2.0	7.2	1.7	88.6	0.5	0.0	91.0	86.3
Slovak Republic	2007	711	31.5	26.2	27.0	8.5	31.5	6.0	0.7	26.9	35.8
	2011	785	32.2	27.0	28.0	8.4	32.2	4.0	0.4	32.8	31.8
Slovenia	2007	623	36.3	22.1	31.4	5.3	36.3	4.2	0.6	33.0	39.4
	2011	646	41.3	17.6	32.2	3.0	41.3	5.4	0.5	39.8	42.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M06_05 (M041320): Number / Knowing
Label: Equivalent fractions - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	39.9	19.9	23.9	7.5	39.9	7.9	1.1	38.0	41.7
	2011	680	39.2	20.4	26.7	6.0	39.2	5.6	2.1	36.4	42.0
Tunisia	2007	591	13.0	20.1	28.6	17.2	13.0	15.8	5.3	13.8	12.3
	2011	683	15.0	17.5	34.4	17.1	15.0	11.2	4.8	13.6	16.4
United States	2007	1138	72.5	5.0	16.0	4.8	72.5	1.1	0.5	72.2	72.9
	2011	1802	74.0	5.1	14.8	2.9	74.0	2.6	0.5	74.0	74.1

International Avg. (25)	2007	15789	47.9	16.0	22.9	7.0	47.9	5.2	1.0	45.9	49.8
	2011	17520	50.5	14.1	24.4	6.3	50.5	4.0	0.7	49.5	51.6

Alberta, Canada	2007	571	44.0	18.1	27.0	7.2	44.0	3.4	0.3	38.1	49.6
	2011	515	52.3	13.9	23.9	7.6	52.3	1.8	0.5	48.0	55.6
Ontario, Canada	2007	500	51.0	19.7	18.4	7.8	51.0	2.9	0.3	43.2	58.2
	2011	637	53.1	15.1	24.0	6.3	53.1	1.1	0.3	47.7	58.4
Quebec, Canada	2007	564	63.0	9.7	18.0	6.6	63.0	2.7	0.0	63.1	62.9
	2011	604	66.4	8.2	18.6	4.7	66.4	1.9	0.3	61.7	70.8
Dubai, UAE	2007	436	39.2	13.2	32.5	8.7	39.2	4.8	1.6	40.2	38.4
	2011	890	47.6	10.9	29.6	8.8	47.6	2.9	0.2	46.3	48.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M06_06A (M041115A): Number / Applying
Label: Draw figure 5 - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	61.8	13.5	18.6	5.0	1.1	61.8	62.1	61.4
	2011	865	66.1	13.7	15.5	4.7	0.0	66.1	64.2	68.0
Austria	2007	695	62.2	9.5	19.1	8.9	0.4	62.2	65.0	59.0
	2011	661	63.3	11.5	16.6	8.4	0.1	63.3	64.2	62.4
Chinese Taipei	2007	588	77.3	5.4	14.0	3.3	0.0	77.3	75.1	79.4
	2011	612	78.8	6.7	12.8	1.6	0.2	78.8	79.0	78.7
Czech Republic	2007	610	64.4	10.1	18.1	7.2	0.3	64.4	65.5	63.2
	2011	647	63.5	11.5	19.9	4.5	0.7	63.5	64.3	62.7
Denmark	2007	482	65.7	7.7	17.5	6.6	2.5	65.7	67.1	64.3
	2011	555	67.5	6.3	17.3	8.2	0.8	67.5	68.7	66.3
England	2007	614	65.9	11.9	16.1	5.8	0.3	65.9	67.6	64.2
	2011	490	62.5	11.5	20.1	5.6	0.3	62.5	61.7	63.4
Georgia	2007	590	30.8	5.7	28.8	31.1	3.5	30.8	36.2	25.0
	2011	687	42.8	5.9	31.0	18.6	1.8	42.8	44.4	41.6
Germany	2007	741	71.8	7.1	14.2	6.6	0.3	71.8	72.1	71.6
	2011	573	71.5	9.7	13.2	5.5	0.0	71.5	74.4	68.7
Hong Kong SAR	2007	537	77.0	9.8	11.2	2.0	0.0	77.0	79.9	74.0
	2011	567	79.5	6.6	10.5	3.5	0.0	79.5	78.6	80.2
Hungary	2007	574	55.4	9.0	27.9	6.2	1.6	55.4	50.1	60.9
	2011	745	57.1	11.7	27.7	2.5	0.9	57.1	60.2	54.4
Iran, Islamic Rep. of	2007	553	25.8	3.5	24.9	43.1	2.8	25.8	27.3	24.1
	2011	817	37.3	8.5	28.2	24.4	1.6	37.3	39.7	35.2
Italy	2007	645	64.5	10.0	14.1	10.3	1.0	64.5	62.8	66.3
	2011	595	68.3	7.3	16.0	7.8	0.6	68.3	68.3	68.3
Japan	2007	642	84.7	4.5	9.3	1.6	0.0	84.7	85.8	83.6
	2011	637	83.9	4.0	10.1	1.6	0.4	83.9	84.6	83.3
Kuwait	2007	537	13.1	3.6	52.2	28.0	3.1	13.1	13.2	13.0
	2011	588	23.7	10.3	39.6	25.7	0.8	23.7	29.0	17.4
Lithuania	2007	559	64.5	12.2	13.1	9.3	0.9	64.5	66.6	62.8
	2011	678	64.1	9.6	16.8	9.5	0.0	64.1	65.7	62.7
Netherlands	2007	477	72.1	9.8	14.5	3.7	0.0	72.1	76.5	68.5
	2011	451	71.2	10.1	15.1	3.6	0.0	71.2	72.7	69.6
New Zealand	2007	702	66.7	10.7	18.1	4.0	0.4	66.7	69.6	64.5
	2011	790	58.5	13.6	22.6	4.4	0.8	58.5	61.6	55.6
Norway	2007	585	57.5	10.6	23.7	7.4	0.9	57.5	59.9	54.8
	2011	423	64.3	9.7	19.9	5.3	0.8	64.3	65.1	63.6
Russian Federation	2007	632	65.1	11.6	14.9	7.1	1.3	65.1	67.7	62.2
	2011	639	71.2	10.3	11.8	6.6	0.1	71.2	71.4	71.0
Singapore	2007	712	76.0	13.3	6.4	4.2	0.1	76.0	78.9	73.6
	2011	913	83.6	6.4	7.7	2.3	0.0	83.6	87.3	79.8
Slovak Republic	2007	711	50.8	8.6	25.7	14.0	0.9	50.8	49.4	52.2
	2011	785	65.2	10.3	18.7	5.2	0.5	65.2	69.9	61.2
Slovenia	2007	623	63.9	6.6	26.1	2.5	0.9	63.9	64.3	63.4
	2011	646	60.3	9.4	26.5	3.3	0.5	60.3	60.9	59.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_06A (M041115A): Number / Applying
Label: Draw figure 5 - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	63.3	12.4	18.2	5.1	1.1	63.3	65.3	61.3
	2011	680	67.3	12.8	13.6	4.2	2.2	67.3	62.6	71.7
Tunisia	2007	591	25.3	6.6	44.8	17.5	5.9	25.3	29.2	21.6
	2011	700	24.5	9.2	43.0	18.6	4.7	24.5	26.4	22.6
United States	2007	1138	66.5	12.3	16.7	3.9	0.5	66.5	70.0	63.1
	2011	1802	63.4	13.3	16.8	5.9	0.6	63.4	60.3	66.7

International Avg. (25)	2007	15789	59.7	9.0	20.3	9.8	1.2	59.7	61.1	58.3
	2011	17546	62.4	9.6	19.6	7.6	0.7	62.4	63.4	61.4

Alberta, Canada	2007	571	68.3	14.1	14.0	3.3	0.3	68.3	66.9	69.5
	2011	515	70.1	16.0	12.3	1.0	0.5	70.1	63.4	75.3
Ontario, Canada	2007	500	65.4	17.1	12.8	4.4	0.3	65.4	69.1	62.0
	2011	637	69.8	16.5	11.3	2.0	0.3	69.8	69.4	70.3
Quebec, Canada	2007	564	69.3	8.8	17.8	4.0	0.0	69.3	70.8	68.2
	2011	604	73.3	11.4	12.8	2.1	0.3	73.3	66.3	79.9
Dubai, UAE	2007	436	17.2	9.9	44.1	27.2	1.6	17.2	18.6	15.9
	2011	890	57.1	11.7	23.8	7.3	0.2	57.1	56.7	57.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_06B (M041115B): Number / Reasoning

Label: Number of squares for figure 16 - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	43.6	48.3	7.0	1.1	43.6	44.5	42.5
	2011	865	51.9	46.0	1.9	0.1	51.9	50.9	53.0
Austria	2007	695	52.5	36.1	10.4	1.0	52.5	48.2	57.3
	2011	661	51.0	39.2	9.7	0.1	51.0	49.7	52.3
Chinese Taipei	2007	588	70.2	27.6	2.2	0.0	70.2	69.4	71.0
	2011	612	75.7	23.3	0.9	0.2	75.7	73.3	77.9
Czech Republic	2007	610	45.6	44.1	9.9	0.4	45.6	44.3	47.0
	2011	647	51.4	39.4	8.5	0.7	51.4	52.3	50.5
Denmark	2007	482	54.0	35.0	8.1	2.9	54.0	53.7	54.3
	2011	555	51.9	39.8	7.4	0.9	51.9	51.3	52.6
England	2007	614	60.3	36.5	2.8	0.3	60.3	60.0	60.7
	2011	490	55.4	42.5	1.8	0.3	55.4	54.9	55.9
Georgia	2007	590	23.1	43.4	29.2	4.3	23.1	23.7	22.4
	2011	687	30.2	54.8	12.4	2.6	30.2	26.1	33.4
Germany	2007	741	59.7	33.3	6.8	0.3	59.7	58.1	61.2
	2011	573	57.9	35.5	6.5	0.1	57.9	53.9	61.9
Hong Kong SAR	2007	537	70.0	28.6	1.4	0.0	70.0	72.2	67.7
	2011	567	74.0	24.6	1.3	0.0	74.0	72.9	74.9
Hungary	2007	574	45.7	43.2	9.1	2.0	45.7	42.4	49.2
	2011	745	42.7	51.5	4.8	0.9	42.7	40.6	44.5
Iran, Islamic Rep. of	2007	553	20.4	60.9	14.0	4.7	20.4	20.9	19.8
	2011	817	25.5	59.0	13.8	1.8	25.5	25.2	25.7
Italy	2007	645	50.3	38.4	9.7	1.6	50.3	49.1	51.4
	2011	595	51.2	40.4	7.7	0.7	51.2	49.3	53.1
Japan	2007	642	69.0	29.6	1.3	0.1	69.0	69.4	68.7
	2011	637	70.7	27.7	1.1	0.5	70.7	71.3	70.1
Kuwait	2007	537	4.0	61.8	29.6	4.6	4.0	4.4	3.6
	2011	589	10.4	74.5	14.0	1.1	10.4	11.0	9.7
Lithuania	2007	559	56.1	38.2	4.8	0.9	56.1	55.2	56.8
	2011	678	50.7	41.8	7.4	0.0	50.7	52.0	49.7
Netherlands	2007	477	55.7	42.2	2.1	0.0	55.7	53.4	57.7
	2011	451	54.3	43.7	1.8	0.2	54.3	52.8	55.8
New Zealand	2007	702	50.2	46.2	3.1	0.5	50.2	51.4	49.1
	2011	790	42.9	52.7	3.6	0.9	42.9	42.6	43.2
Norway	2007	585	41.2	50.7	6.6	1.5	41.2	45.3	36.5
	2011	423	48.0	45.1	5.4	1.4	48.0	49.2	46.8
Russian Federation	2007	632	57.3	34.6	6.8	1.3	57.3	60.8	53.5
	2011	639	60.4	34.9	4.4	0.3	60.4	59.0	61.6
Singapore	2007	712	74.9	24.9	0.0	0.1	74.9	77.4	72.8
	2011	913	77.3	22.3	0.5	0.0	77.3	80.8	73.8
Slovak Republic	2007	711	40.8	44.2	14.1	0.9	40.8	37.6	43.7
	2011	785	48.9	44.2	6.3	0.6	48.9	47.7	49.9
Slovenia	2007	623	48.1	47.4	3.3	1.2	48.1	46.9	49.3
	2011	646	46.5	47.4	5.6	0.5	46.5	49.3	43.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_06B (M041115B): Number / Reasoning

Label: Number of squares for figure 16 - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	54.8	37.5	6.0	1.7	54.8	59.9	49.9
	2011	680	52.5	39.0	6.1	2.4	52.5	48.7	56.3
Tunisia	2007	591	10.8	60.1	22.1	7.0	10.8	10.3	11.2
	2011	700	10.9	70.4	13.7	5.0	10.9	10.6	11.1
United States	2007	1138	55.4	42.6	1.3	0.8	55.4	58.4	52.3
	2011	1802	59.3	37.3	2.7	0.8	59.3	58.5	60.1
International Avg. (25)	2007	15789	48.5	41.4	8.5	1.6	48.5	48.7	48.4
	2011	17547	50.1	43.1	6.0	0.9	50.1	49.4	50.7
Alberta, Canada	2007	571	55.4	40.3	4.1	0.3	55.4	57.8	53.1
	2011	515	50.3	48.2	1.0	0.5	50.3	52.6	48.5
Ontario, Canada	2007	500	59.0	37.8	2.8	0.4	59.0	61.4	56.8
	2011	637	54.9	42.9	1.6	0.6	54.9	50.8	59.0
Quebec, Canada	2007	564	56.6	39.2	4.2	0.0	56.6	57.8	55.7
	2011	604	60.0	38.3	1.4	0.3	60.0	58.1	61.7
Dubai, UAE	2007	436	13.8	60.1	24.5	1.6	13.8	13.9	13.7
	2011	890	41.1	53.3	5.1	0.5	41.1	39.1	42.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_07A (M041160A): Geometric Shapes and Measures / Knowing
Label: Position of the shop - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	89.2	7.2	1.6	2.0	89.2	90.8	87.1
	2011	865	89.2	9.9	0.8	0.1	89.2	88.1	90.3
Austria	2007	695	89.0	7.7	2.3	1.0	89.0	88.6	89.4
	2011	661	88.5	9.2	2.1	0.1	88.5	90.1	87.0
Chinese Taipei	2007	588	83.0	16.7	0.3	0.0	83.0	85.6	80.6
	2011	612	78.8	20.8	0.2	0.2	78.8	80.6	77.3
Czech Republic	2007	610	88.9	6.4	4.2	0.5	88.9	90.1	87.7
	2011	647	91.3	6.7	1.4	0.7	91.3	95.1	87.3
Denmark	2007	482	91.8	4.5	0.5	3.3	91.8	94.5	88.9
	2011	555	90.1	5.1	4.0	0.9	90.1	89.5	90.6
England	2007	614	92.0	6.9	0.8	0.3	92.0	93.2	90.9
	2011	490	88.1	10.0	1.6	0.3	88.1	89.9	86.3
Georgia	2007	590	40.0	32.9	21.2	5.9	40.0	40.7	39.2
	2011	687	48.4	38.6	10.4	2.6	48.4	50.3	46.9
Germany	2007	741	94.7	3.5	1.6	0.3	94.7	96.0	93.5
	2011	573	92.9	4.8	1.8	0.5	92.9	94.8	91.1
Hong Kong SAR	2007	537	97.4	2.1	0.5	0.0	97.4	97.3	97.6
	2011	567	94.4	5.4	0.2	0.0	94.4	95.7	93.5
Hungary	2007	574	78.3	14.0	5.0	2.7	78.3	72.5	84.3
	2011	745	86.2	10.7	2.2	0.9	86.2	87.2	85.3
Iran, Islamic Rep. of	2007	553	52.5	33.7	8.9	4.9	52.5	50.7	54.5
	2011	816	61.5	30.2	6.4	1.9	61.5	63.4	59.8
Italy	2007	645	87.2	8.0	3.1	1.6	87.2	84.3	90.0
	2011	595	89.5	6.8	2.8	1.0	89.5	90.5	88.4
Japan	2007	642	93.2	5.8	0.7	0.3	93.2	94.6	91.9
	2011	637	91.8	7.0	0.5	0.6	91.8	92.4	91.2
Kuwait	2007	537	29.6	43.5	21.5	5.4	29.6	30.0	29.1
	2011	590	43.3	46.6	8.5	1.6	43.3	47.5	38.3
Lithuania	2007	559	88.6	7.8	2.3	1.3	88.6	87.4	89.6
	2011	678	93.1	5.5	1.4	0.0	93.1	95.9	90.8
Netherlands	2007	477	94.6	4.6	0.8	0.0	94.6	94.6	94.5
	2011	451	94.8	4.3	0.7	0.2	94.8	95.0	94.6
New Zealand	2007	702	79.7	16.9	2.4	1.0	79.7	79.2	80.1
	2011	790	81.6	15.6	1.8	1.0	81.6	82.1	81.1
Norway	2007	585	81.4	12.7	3.6	2.3	81.4	81.7	81.1
	2011	423	86.8	8.6	2.8	1.8	86.8	87.0	86.7
Russian Federation	2007	632	81.8	12.8	3.4	1.9	81.8	83.5	80.0
	2011	639	87.6	10.0	2.2	0.3	87.6	92.2	84.0
Singapore	2007	712	84.1	15.4	0.4	0.1	84.1	84.7	83.5
	2011	913	86.8	12.8	0.4	0.0	86.8	90.2	83.4
Slovak Republic	2007	711	81.6	11.1	6.4	0.9	81.6	79.5	83.6
	2011	785	88.0	9.0	2.1	1.0	88.0	89.2	86.9
Slovenia	2007	623	95.6	2.0	0.6	1.7	95.6	96.6	94.7
	2011	646	94.7	2.8	1.6	0.8	94.7	96.9	92.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_07A (M041160A): Geometric Shapes and Measures / Knowing
Label: Position of the shop - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	87.4	7.7	2.9	2.0	87.4	88.2	86.6
	2011	680	87.5	6.8	3.3	2.5	87.5	85.1	89.7
Tunisia	2007	591	30.4	45.3	16.5	7.8	30.4	32.6	28.3
	2011	700	36.4	47.7	10.8	5.2	36.4	40.6	32.3
United States	2007	1138	87.6	10.8	0.9	0.8	87.6	88.0	87.2
	2011	1802	86.6	12.2	0.5	0.8	86.6	85.6	87.7

International Avg. (25)	2007	15789	80.0	13.6	4.5	1.9	80.0	80.2	79.8
	2011	17547	82.3	13.9	2.8	1.0	82.3	83.8	80.9

Alberta, Canada	2007	571	89.2	8.5	1.7	0.6	89.2	90.5	88.0
	2011	515	87.6	11.3	0.7	0.5	87.6	88.0	87.2
Ontario, Canada	2007	500	89.4	8.7	1.6	0.4	89.4	89.4	89.3
	2011	637	89.3	8.9	1.1	0.7	89.3	89.9	88.6
Quebec, Canada	2007	564	87.3	9.0	3.5	0.2	87.3	90.7	84.6
	2011	604	93.2	5.1	1.4	0.3	93.2	92.0	94.3
Dubai, UAE	2007	436	69.0	21.6	7.2	2.1	69.0	70.5	67.7
	2011	890	74.9	21.0	3.4	0.6	74.9	77.6	72.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_07B (M041160B): Geometric Shapes and Measures / Applying
Label: Mark Lucy's house - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	90.2	4.1	3.3	2.3	90.2	90.5	89.9
	2011	865	94.0	2.1	3.7	0.1	94.0	95.9	92.0
Austria	2007	695	89.7	3.2	6.1	1.0	89.7	89.1	90.3
	2011	661	88.6	4.1	7.2	0.1	88.6	89.4	87.7
Chinese Taipei	2007	588	93.3	4.7	2.0	0.0	93.3	93.0	93.6
	2011	612	92.8	5.2	1.8	0.2	92.8	93.9	91.9
Czech Republic	2007	610	86.7	3.7	7.4	2.2	86.7	87.5	85.9
	2011	647	90.3	3.6	5.5	0.7	90.3	91.1	89.4
Denmark	2007	482	92.6	1.8	1.8	3.8	92.6	95.5	89.5
	2011	555	91.0	1.5	6.1	1.4	91.0	89.4	92.6
England	2007	614	92.6	2.0	5.1	0.3	92.6	95.1	90.3
	2011	490	93.8	2.7	3.2	0.3	93.8	95.2	92.3
Georgia	2007	590	40.4	13.0	40.4	6.2	40.4	44.0	36.6
	2011	687	49.5	17.2	30.0	3.3	49.5	53.6	46.3
Germany	2007	741	94.9	2.0	2.2	0.9	94.9	96.5	93.2
	2011	573	94.8	1.3	3.4	0.5	94.8	97.3	92.4
Hong Kong SAR	2007	537	95.3	2.6	2.1	0.0	95.3	96.1	94.5
	2011	567	96.1	1.4	2.5	0.0	96.1	97.1	95.4
Hungary	2007	574	82.7	6.5	7.2	3.6	82.7	80.2	85.4
	2011	745	87.8	7.5	3.6	1.2	87.8	90.2	85.7
Iran, Islamic Rep. of	2007	553	61.4	18.0	14.1	6.5	61.4	66.2	56.0
	2011	816	65.5	17.9	14.8	1.9	65.5	68.5	62.7
Italy	2007	645	91.9	1.9	4.0	2.2	91.9	91.0	92.8
	2011	595	90.9	4.4	3.4	1.3	90.9	90.9	90.8
Japan	2007	642	95.6	3.2	0.7	0.5	95.6	97.7	93.5
	2011	637	96.4	2.0	1.0	0.6	96.4	97.0	95.8
Kuwait	2007	537	30.2	30.2	33.0	6.6	30.2	33.9	26.0
	2011	590	39.5	34.8	23.8	1.8	39.5	45.2	32.7
Lithuania	2007	559	91.2	3.5	3.6	1.6	91.2	91.4	91.1
	2011	678	91.2	4.1	4.8	0.0	91.2	95.0	87.9
Netherlands	2007	477	96.4	2.5	0.6	0.5	96.4	97.2	95.8
	2011	451	97.1	1.7	0.7	0.4	97.1	98.2	96.0
New Zealand	2007	702	87.3	6.6	4.8	1.2	87.3	89.0	86.0
	2011	790	88.5	5.6	4.3	1.5	88.5	91.4	85.7
Norway	2007	585	85.2	6.8	4.9	3.1	85.2	86.4	83.9
	2011	423	90.0	4.9	3.1	1.9	90.0	90.8	89.2
Russian Federation	2007	632	83.1	8.3	6.5	2.1	83.1	85.4	80.7
	2011	639	89.1	4.5	5.7	0.6	89.1	92.0	86.8
Singapore	2007	712	93.7	3.9	2.3	0.1	93.7	96.6	91.3
	2011	913	95.1	4.1	0.8	0.0	95.1	95.9	94.3
Slovak Republic	2007	711	83.6	7.7	7.1	1.5	83.6	81.2	85.9
	2011	785	88.6	6.4	4.1	1.0	88.6	90.6	86.7
Slovenia	2007	623	94.4	1.9	1.7	2.0	94.4	94.5	94.3
	2011	646	92.7	2.0	4.1	1.2	92.7	94.1	91.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_07B (M041160B): Geometric Shapes and Measures / Applying
Label: Mark Lucy's house - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	90.8	2.8	4.1	2.3	90.8	93.1	88.7
	2011	680	91.2	2.3	3.8	2.7	91.2	89.9	92.4
Tunisia	2007	591	33.8	34.0	21.2	11.0	33.8	36.6	31.2
	2011	700	34.6	42.3	16.0	7.0	34.6	37.7	31.6
United States	2007	1138	92.5	4.3	2.3	0.9	92.5	92.5	92.5
	2011	1802	91.6	4.9	2.8	0.8	91.6	90.9	92.2

International Avg. (25)	2007	15789	82.8	7.2	7.5	2.5	82.8	84.0	81.5
	2011	17547	84.8	7.5	6.4	1.2	84.8	86.5	83.3

Alberta, Canada	2007	571	93.2	3.6	2.6	0.6	93.2	95.7	90.8
	2011	515	95.0	3.1	1.3	0.5	95.0	94.7	95.3
Ontario, Canada	2007	500	95.7	1.7	2.2	0.5	95.7	98.0	93.5
	2011	637	93.3	4.1	1.9	0.7	93.3	95.0	91.6
Quebec, Canada	2007	564	91.5	2.7	5.2	0.6	91.5	92.7	90.6
	2011	604	95.7	2.4	1.4	0.5	95.7	95.1	96.3
Dubai, UAE	2007	436	66.5	13.4	17.6	2.5	66.5	70.8	62.6
	2011	890	76.0	10.1	13.1	0.7	76.0	79.4	73.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_08 (M041327): Geometric Shapes and Measures / Applying
Label: Draw the line of symmetry - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	78.0	16.7	3.0	2.3	78.0	82.5	72.0
	2011	865	75.2	21.4	3.2	0.2	75.2	76.2	74.2
Austria	2007	695	29.2	35.8	33.9	1.0	29.2	28.8	29.7
	2011	661	39.2	31.7	29.0	0.1	39.2	38.5	39.8
Chinese Taipei	2007	588	27.4	58.4	14.2	0.0	27.4	26.0	28.8
	2011	612	21.6	69.0	9.2	0.2	21.6	23.3	20.2
Czech Republic	2007	610	34.0	28.3	35.5	2.2	34.0	37.5	30.5
	2011	647	42.4	29.0	27.1	1.5	42.4	48.1	36.5
Denmark	2007	482	29.3	57.9	8.7	4.0	29.3	33.4	25.0
	2011	555	35.9	55.9	6.8	1.4	35.9	36.8	35.1
England	2007	614	83.0	13.2	3.5	0.4	83.0	86.4	79.6
	2011	490	82.5	15.0	2.1	0.3	82.5	85.5	79.4
Georgia	2007	589	35.0	22.6	35.4	7.1	35.0	37.2	32.6
	2011	687	32.9	31.4	32.0	3.8	32.9	34.8	31.4
Germany	2007	741	54.6	29.8	14.7	0.9	54.6	57.2	52.0
	2011	573	54.9	28.7	15.9	0.5	54.9	59.8	50.1
Hong Kong SAR	2007	537	95.9	3.9	0.2	0.0	95.9	96.7	95.2
	2011	567	92.7	6.6	0.7	0.0	92.7	90.5	94.2
Hungary	2007	574	52.9	27.7	15.6	3.9	52.9	50.6	55.3
	2011	743	47.6	38.5	12.7	1.3	47.6	52.5	43.5
Iran, Islamic Rep. of	2007	553	47.8	29.4	15.8	7.1	47.8	50.0	45.4
	2011	817	60.7	27.7	9.7	1.9	60.7	64.4	57.4
Italy	2007	645	54.3	31.0	12.4	2.3	54.3	50.4	58.0
	2011	595	56.7	30.7	11.2	1.4	56.7	57.3	56.1
Japan	2007	642	46.9	44.3	8.3	0.5	46.9	46.7	47.1
	2011	637	31.4	59.2	8.8	0.6	31.4	31.4	31.4
Kuwait	2007	537	11.9	51.2	30.4	6.6	11.9	13.4	10.2
	2011	589	36.3	40.0	21.7	2.0	36.3	42.5	28.9
Lithuania	2007	559	63.4	26.8	8.1	1.6	63.4	68.8	59.0
	2011	678	58.5	30.0	11.5	0.0	58.5	64.3	53.6
Netherlands	2007	477	21.9	63.3	14.3	0.5	21.9	23.3	20.7
	2011	451	21.4	67.4	10.8	0.4	21.4	23.5	19.3
New Zealand	2007	702	59.5	31.5	7.6	1.4	59.5	64.9	55.2
	2011	790	57.8	33.7	6.9	1.5	57.8	61.6	54.3
Norway	2007	585	30.0	43.6	23.3	3.1	30.0	30.8	28.9
	2011	423	56.2	32.9	9.0	1.9	56.2	60.3	52.4
Russian Federation	2007	632	59.0	21.4	17.2	2.3	59.0	59.7	58.4
	2011	639	61.0	26.5	11.6	0.8	61.0	61.2	60.8
Singapore	2007	712	91.3	8.1	0.4	0.1	91.3	94.7	88.4
	2011	913	91.8	7.6	0.6	0.0	91.8	93.6	90.0
Slovak Republic	2007	711	23.9	34.9	39.8	1.5	23.9	20.6	26.9
	2011	785	36.9	33.6	28.2	1.3	36.9	41.3	33.0
Slovenia	2007	623	50.0	41.5	6.5	2.0	50.0	50.1	49.8
	2011	646	53.4	39.6	5.7	1.2	53.4	52.5	54.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_08 (M041327): Geometric Shapes and Measures / Applying
Label: Draw the line of symmetry - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	22.5	43.6	31.3	2.5	22.5	21.3	23.7
	2011	680	24.9	44.5	27.9	2.7	24.9	23.6	26.0
Tunisia	2007	591	8.8	40.1	40.0	11.1	8.8	12.3	5.6
	2011	700	9.0	48.4	35.3	7.3	9.0	5.2	12.7
United States	2007	1138	81.3	16.2	1.5	0.9	81.3	82.4	80.3
	2011	1802	79.8	17.7	1.8	0.8	79.8	80.1	79.4

International Avg. (25)	2007	15788	47.7	32.8	16.9	2.6	47.7	49.0	46.3
	2011	17545	50.4	34.7	13.6	1.3	50.4	52.3	48.6

Alberta, Canada	2007	571	64.0	28.9	6.5	0.6	64.0	60.6	67.2
	2011	515	71.5	25.1	2.9	0.5	71.5	72.5	70.7
Ontario, Canada	2007	500	88.5	7.8	3.2	0.5	88.5	89.9	87.2
	2011	637	82.1	13.9	3.3	0.7	82.1	84.7	79.5
Quebec, Canada	2007	564	36.2	45.1	17.7	0.9	36.2	37.3	35.4
	2011	604	48.8	42.0	8.7	0.5	48.8	46.8	50.6
Dubai, UAE	2007	436	42.4	33.2	21.4	2.9	42.4	46.6	38.7
	2011	890	51.3	34.8	13.2	0.7	51.3	52.6	50.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_09 (M041148): Geometric Shapes and Measures / Knowing
Label: Statement about 3-D figures - Points: 2

COUNTRY	YEAR	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	42.1	26.6	26.7	2.2	2.4	68.7	42.1	42.3	41.8
	2011	865	44.7	30.3	22.8	1.7	0.4	75.1	44.7	43.5	46.1
Austria	2007	695	54.4	28.7	13.2	2.7	1.1	83.1	54.4	52.6	56.5
	2011	661	66.9	19.8	9.8	2.8	0.7	86.6	66.9	67.1	66.6
Chinese Taipei	2007	588	59.6	28.9	11.3	0.2	0.0	88.5	59.6	60.5	58.8
	2011	612	53.4	30.9	15.0	0.6	0.2	84.3	53.4	53.9	53.0
Czech Republic	2007	610	11.4	35.4	42.6	7.8	2.7	46.8	11.4	13.7	9.2
	2011	647	18.3	37.6	37.9	4.6	1.7	55.8	18.3	17.2	19.4
Denmark	2007	482	45.3	32.0	17.0	1.6	4.0	77.3	45.3	44.7	46.0
	2011	555	46.7	35.3	14.1	2.4	1.6	81.9	46.7	48.0	45.3
England	2007	614	55.0	28.9	13.7	1.7	0.8	83.8	55.0	58.3	51.8
	2011	490	57.8	24.5	16.2	1.2	0.3	82.3	57.8	58.7	56.9
Georgia	2007	590	17.5	15.7	31.4	28.0	7.5	33.2	17.5	18.9	16.0
	2011	687	14.6	27.2	40.6	13.5	4.0	41.8	14.6	13.8	15.1
Germany	2007	741	44.4	31.9	19.7	2.8	1.3	76.2	44.4	46.3	42.5
	2011	573	44.1	36.2	17.8	1.3	0.6	80.2	44.1	44.0	44.1
Hong Kong SAR	2007	537	55.6	26.0	18.5	0.0	0.0	81.5	55.6	52.5	58.7
	2011	567	57.0	24.2	18.8	0.0	0.0	81.2	57.0	57.4	56.7
Hungary	2007	574	36.3	36.4	20.2	2.8	4.3	72.7	36.3	34.9	37.7
	2011	745	42.4	35.6	19.1	1.5	1.4	78.0	42.4	38.2	46.0
Iran, Islamic Rep. of	2007	553	3.2	19.5	64.0	4.7	8.6	22.7	3.2	1.7	4.9
	2011	817	15.2	38.5	38.2	6.1	1.9	53.7	15.2	15.2	15.3
Italy	2007	645	41.0	37.1	17.1	2.4	2.4	78.0	41.0	38.6	43.2
	2011	595	43.5	33.2	20.6	1.2	1.4	76.8	43.5	42.5	44.6
Japan	2007	642	47.5	33.8	17.2	0.7	0.7	81.3	47.5	50.2	44.9
	2011	637	52.6	33.7	12.1	0.6	1.0	86.3	52.6	52.9	52.3
Kuwait	2007	537	21.0	15.5	47.9	7.9	7.7	36.5	21.0	18.2	24.1
	2011	590	20.0	22.6	49.7	5.2	2.4	42.6	20.0	21.1	18.8
Lithuania	2007	559	33.0	39.6	23.9	1.7	1.8	72.6	33.0	32.4	33.6
	2011	678	33.8	39.9	25.2	1.0	0.1	73.7	33.8	32.1	35.3
Netherlands	2007	477	19.4	43.6	35.9	0.7	0.5	62.9	19.4	17.4	21.0
	2011	451	20.3	41.5	37.8	0.0	0.4	61.8	20.3	20.1	20.5
New Zealand	2007	702	35.9	33.1	27.2	2.2	1.5	69.0	35.9	34.2	37.3
	2011	790	31.8	31.0	33.7	1.8	1.8	62.8	31.8	29.3	34.1
Norway	2007	585	17.1	52.6	23.7	2.4	4.2	69.7	17.1	15.9	18.5
	2011	423	26.1	45.1	24.2	2.5	2.1	71.2	26.1	23.7	28.3
Russian Federation	2007	632	22.6	34.1	37.2	3.5	2.6	56.7	22.6	19.5	26.0
	2011	639	21.8	36.4	38.2	2.6	1.0	58.3	21.8	21.9	21.8
Singapore	2007	712	42.3	33.3	24.1	0.2	0.1	75.6	42.3	43.7	41.1
	2011	913	41.0	34.8	24.1	0.1	0.0	75.8	41.0	45.8	36.4
Slovak Republic	2007	711	13.1	37.1	40.5	7.4	1.8	50.3	13.1	11.3	14.8
	2011	785	19.4	35.8	40.2	3.0	1.6	55.1	19.4	17.4	21.1
Slovenia	2007	623	33.7	46.3	16.0	1.4	2.6	80.0	33.7	31.6	35.6
	2011	646	39.1	41.1	16.6	1.8	1.4	80.2	39.1	35.3	42.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_09 (M041148): Geometric Shapes and Measures / Knowing
Label: Statement about 3-D figures - Points: 2

COUNTRY	YEAR	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	22.3	47.3	24.7	2.6	3.1	69.6	22.3	20.2	24.3
	2011	680	20.3	49.4	25.1	2.4	2.9	69.7	20.3	21.0	19.7
Tunisia	2007	591	7.5	33.1	40.5	6.9	12.0	40.6	7.5	8.9	6.2
	2011	700	11.3	36.7	40.2	3.1	8.7	48.0	11.3	12.3	10.3
United States	2007	1138	44.8	31.7	21.3	1.1	0.9	76.6	44.8	43.2	46.4
	2011	1802	49.7	28.3	19.5	1.6	0.9	78.0	49.7	47.1	52.4
International Avg. (25)	2007	15789	33.0	33.1	27.0	3.8	3.0	66.2	33.0	32.5	33.6
	2011	17548	35.7	34.0	26.3	2.5	1.5	69.6	35.7	35.2	36.1
Alberta, Canada	2007	571	32.2	34.3	29.9	2.6	1.0	66.5	32.2	32.1	32.2
	2011	515	28.9	32.8	36.9	1.0	0.5	61.6	28.9	25.1	31.7
Ontario, Canada	2007	500	43.9	28.1	25.8	1.7	0.5	72.0	43.9	43.3	44.5
	2011	636	46.4	31.9	19.2	1.9	0.7	78.3	46.4	44.2	48.6
Quebec, Canada	2007	564	53.2	31.7	11.7	2.1	1.3	84.9	53.2	53.9	52.6
	2011	604	57.0	30.7	10.9	0.9	0.5	87.7	57.0	54.5	59.2
Dubai, UAE	2007	436	26.0	33.9	33.5	3.1	3.5	59.8	26.0	26.0	26.0
	2011	890	29.5	32.9	34.5	2.1	0.9	62.4	29.5	31.0	28.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M06_10 (M041265): Geometric Shapes and Measures / Reasoning
Label: Relating net with its 3-D figure - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	39.6	17.6	27.3	5.0	39.6	7.9	2.6	42.8	35.4
	2011	865	39.5	15.2	36.2	4.8	39.5	3.8	0.4	37.7	41.3
Austria	2007	695	40.2	20.1	21.0	2.2	40.2	15.4	1.1	38.2	42.4
	2011	661	47.0	14.1	14.6	2.9	47.0	20.6	0.9	44.2	49.7
Chinese Taipei	2007	588	75.8	8.2	3.1	1.2	75.8	11.8	0.0	80.8	71.1
	2011	612	56.2	18.7	9.0	5.5	56.2	10.5	0.2	56.2	56.1
Czech Republic	2007	610	43.3	37.2	4.4	1.9	43.3	10.3	2.8	44.2	42.5
	2011	647	50.1	32.2	6.7	3.0	50.1	5.8	2.2	51.6	48.6
Denmark	2007	471	35.8	21.5	14.4	8.8	35.8	14.9	4.5	36.6	34.9
	2011	555	31.1	20.4	17.1	7.9	31.1	21.4	2.2	29.4	32.7
England	2007	614	49.3	16.4	21.8	2.4	49.3	9.1	1.0	50.3	48.4
	2011	490	43.6	15.2	27.5	5.3	43.6	7.9	0.5	45.4	41.7
Georgia	2007	590	13.3	11.3	48.0	8.1	13.3	10.9	8.3	14.1	12.5
	2011	687	13.7	13.2	48.3	10.9	13.7	9.4	4.4	13.0	14.3
Germany	2007	741	45.3	11.9	11.3	1.8	45.3	27.9	1.8	45.0	45.5
	2011	573	47.3	12.3	11.4	1.4	47.3	26.5	1.1	48.4	46.3
Hong Kong SAR	2007	537	64.7	11.9	11.5	2.6	64.7	9.2	0.0	66.3	63.1
	2011	567	59.1	17.9	16.3	2.8	59.1	3.8	0.0	60.4	58.2
Hungary	2007	574	39.3	28.4	10.4	2.9	39.3	14.5	4.6	38.2	40.4
	2011	740	43.8	33.0	8.2	2.6	43.8	10.8	1.6	45.1	42.7
Iran, Islamic Rep. of	2007	553	14.5	30.6	20.4	12.1	14.5	12.7	9.7	16.0	12.9
	2011	817	20.5	39.3	19.6	8.3	20.5	9.3	3.0	19.7	21.2
Italy	2007	609	41.4	34.0	10.4	3.8	41.4	7.8	2.6	40.4	42.3
	2011	595	39.5	32.7	11.1	6.5	39.5	8.6	1.6	39.7	39.2
Japan	2007	642	66.6	13.9	5.5	2.4	66.6	10.4	1.2	68.8	64.5
	2011	637	80.2	8.4	1.7	1.3	80.2	7.0	1.3	79.1	81.2
Kuwait	2007	537	9.7	25.3	19.9	17.1	9.7	20.3	7.7	9.8	9.6
	2011	571	17.1	26.3	22.5	19.5	17.1	12.6	1.9	19.8	13.7
Lithuania	2007	559	38.9	14.5	16.0	4.4	38.9	24.1	2.0	44.5	34.3
	2011	677	42.5	20.5	16.5	3.1	42.5	17.2	0.2	45.9	39.6
Netherlands	2007	477	50.3	17.4	12.6	6.4	50.3	12.6	0.7	50.8	49.9
	2011	451	49.9	19.4	13.8	6.2	49.9	10.4	0.4	49.5	50.3
New Zealand	2007	702	46.3	19.0	21.9	3.4	46.3	7.8	1.6	47.9	45.0
	2011	790	40.8	22.3	23.4	4.7	40.8	6.9	1.9	40.9	40.8
Norway	2007	585	32.3	20.0	23.1	8.1	32.3	11.8	4.8	37.2	26.6
	2011	423	36.4	16.5	29.2	5.1	36.4	10.8	2.1	36.9	35.9
Russian Federation	2007	632	49.5	23.3	13.4	4.6	49.5	6.5	2.7	49.3	49.7
	2011	639	50.8	19.3	16.8	7.2	50.8	4.8	1.0	50.8	50.8
Singapore	2007	712	52.4	27.9	13.3	5.7	52.4	0.5	0.1	56.4	49.0
	2011	913	46.7	30.8	17.2	5.1	46.7	0.2	0.0	51.3	42.2
Slovak Republic	2007	711	33.8	25.3	14.1	10.5	33.8	14.2	2.1	36.2	31.5
	2011	785	39.3	26.8	16.7	10.2	39.3	5.4	1.6	40.3	38.4
Slovenia	2007	623	40.3	38.9	6.2	3.0	40.3	8.5	3.1	44.4	36.5
	2011	636	47.0	40.5	5.3	1.3	47.0	3.9	1.8	50.8	43.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M06_10 (M041265): Geometric Shapes and Measures / Reasoning
Label: Relating net with its 3-D figure - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	30.3	18.9	26.0	7.0	30.3	14.0	3.8	30.7	29.9
	2011	680	29.5	21.4	26.5	6.7	29.5	12.8	3.0	34.7	24.6
Tunisia	2007	591	6.9	8.0	19.9	7.7	6.9	45.0	12.6	7.3	6.6
	2011	652	9.4	11.3	30.4	11.8	9.4	27.3	9.8	9.8	9.0
United States	2007	1138	32.4	20.3	37.0	7.9	32.4	1.2	1.2	35.0	29.7
	2011	1802	33.5	19.7	37.8	4.9	33.5	3.0	1.0	33.0	34.1

International Avg. (25)	2007	15742	39.7	20.9	17.3	5.6	39.7	13.2	3.3	41.2	38.2
	2011	17465	40.6	21.9	19.4	6.0	40.6	10.4	1.8	41.3	39.8

Alberta, Canada	2007	571	44.4	19.2	28.2	2.7	44.4	4.5	1.0	44.5	44.4
	2011	515	41.8	23.1	26.6	3.8	41.8	3.7	0.9	43.9	40.3
Ontario, Canada	2007	500	44.8	21.6	25.3	3.0	44.8	4.8	0.5	47.0	42.7
	2011	637	46.6	18.0	24.4	3.1	46.6	7.1	0.7	45.5	47.7
Quebec, Canada	2007	564	33.1	18.2	23.2	4.9	33.1	19.3	1.3	32.3	33.7
	2011	604	35.8	18.5	26.7	3.5	35.8	14.9	0.5	38.6	33.2
Dubai, UAE	2007	435	27.1	17.3	28.5	7.7	27.1	15.5	3.9	27.7	26.6
	2011	890	27.9	23.0	30.6	8.1	27.9	9.4	1.0	28.6	27.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M06_11 (M041175): Data Display / Knowing

Label: Type of cookie bakery sell most - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	81.4	81.4	0.9	5.6	7.9	1.3	2.8	83.5	78.7
	2011	865	89.0	89.0	1.5	3.6	5.2	0.2	0.4	89.0	89.1
Austria	2007	695	83.4	83.4	3.0	4.5	6.7	1.0	1.3	83.5	83.4
	2011	661	87.2	87.2	3.4	3.5	3.0	1.7	1.2	86.5	87.8
Chinese Taipei	2007	588	93.7	93.7	0.0	1.7	4.1	0.2	0.3	94.8	92.6
	2011	612	94.9	94.9	0.4	1.7	2.8	0.1	0.2	97.1	93.0
Czech Republic	2007	610	83.6	83.6	3.3	2.6	3.3	3.6	3.6	84.8	82.4
	2011	647	84.3	84.3	3.2	5.2	3.7	0.9	2.8	87.4	81.0
Denmark	2007	481	83.6	83.6	2.6	4.4	3.1	0.6	5.7	87.9	79.1
	2011	555	90.0	90.0	0.6	3.3	2.5	0.5	3.0	88.6	91.4
England	2007	614	86.5	86.5	1.0	4.9	4.8	1.7	1.1	86.8	86.2
	2011	490	88.2	88.2	0.8	4.6	4.2	1.1	1.0	86.7	89.7
Georgia	2007	590	56.3	56.3	3.3	11.3	17.0	3.0	9.0	55.3	57.4
	2011	687	60.4	60.4	5.0	16.8	11.8	1.0	4.9	65.1	56.7
Germany	2007	741	84.5	84.5	4.5	3.8	3.7	1.1	2.4	83.5	85.5
	2011	573	89.0	89.0	3.2	1.5	3.7	1.1	1.6	87.0	90.9
Hong Kong SAR	2007	537	94.2	94.2	0.2	1.1	3.9	0.2	0.2	94.5	94.0
	2011	567	95.5	95.5	0.8	1.1	2.2	0.3	0.0	96.8	94.6
Hungary	2007	574	72.9	72.9	5.3	8.7	6.1	1.9	5.1	71.4	74.4
	2011	745	81.9	81.9	4.5	4.1	5.7	1.1	2.6	81.3	82.4
Iran, Islamic Rep. of	2007	553	58.5	58.5	10.9	5.7	10.9	3.1	11.0	62.2	54.4
	2011	816	67.5	67.5	8.2	10.5	7.7	2.1	4.0	69.0	66.1
Italy	2007	637	82.5	82.5	0.8	6.5	7.0	0.4	2.8	83.4	81.6
	2011	595	87.0	87.0	1.4	2.9	5.3	1.4	2.0	88.0	85.9
Japan	2007	641	94.6	94.6	0.0	1.1	1.0	1.0	2.3	96.1	93.1
	2011	637	95.4	95.4	0.5	1.0	0.9	0.3	1.9	95.2	95.5
Kuwait	2007	537	42.7	42.7	12.4	16.4	12.7	4.9	11.0	47.5	37.2
	2011	581	57.8	57.8	10.2	13.9	9.4	6.0	2.8	63.3	51.1
Lithuania	2007	559	87.9	87.9	1.3	2.1	5.2	1.5	2.0	86.2	89.2
	2011	678	86.2	86.2	1.7	5.9	5.1	0.9	0.2	87.7	85.0
Netherlands	2007	477	89.6	89.6	0.6	1.7	6.1	0.6	1.4	90.2	89.2
	2011	451	92.7	92.7	0.8	1.2	3.7	0.7	0.8	91.2	94.2
New Zealand	2007	702	82.9	82.9	1.9	6.1	6.3	0.4	2.5	84.8	81.3
	2011	790	78.5	78.5	2.8	7.8	7.4	1.1	2.4	79.9	77.2
Norway	2007	585	74.0	74.0	2.9	9.9	6.0	1.1	6.0	73.0	75.2
	2011	423	85.0	85.0	2.0	6.7	2.5	0.6	3.1	88.0	82.3
Russian Federation	2007	632	84.6	84.6	2.5	3.5	5.7	0.3	3.5	85.3	83.9
	2011	639	92.0	92.0	2.0	2.4	2.2	0.2	1.2	93.5	90.8
Singapore	2007	712	92.8	92.8	1.4	2.1	3.3	0.2	0.3	93.4	92.2
	2011	913	91.2	91.2	1.0	2.9	4.5	0.5	0.0	92.5	89.8
Slovak Republic	2007	711	71.9	71.9	3.0	11.4	7.1	2.3	4.3	70.9	72.9
	2011	785	80.7	80.7	4.9	4.7	7.2	0.6	1.9	80.3	81.0
Slovenia	2007	623	77.3	77.3	4.3	4.7	7.7	1.6	4.4	78.1	76.5
	2011	644	83.7	83.7	2.5	5.7	4.6	0.5	3.1	85.8	81.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M06_11 (M041175): Data Display / Knowing
Label: Type of cookie bakery sell most - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	86.4	86.4	2.0	3.7	2.3	1.5	4.1	88.0	84.8
	2011	680	85.9	85.9	1.2	2.7	4.7	1.3	4.2	83.2	88.5
Tunisia	2007	591	29.0	29.0	12.0	22.2	7.9	9.7	19.2	32.2	26.0
	2011	678	35.0	35.0	15.0	25.4	4.6	5.7	14.3	37.9	32.1
United States	2007	1138	86.3	86.3	1.3	2.4	6.8	1.5	1.7	87.2	85.5
	2011	1802	89.1	89.1	1.1	2.6	4.7	1.1	1.4	89.5	88.8
International Avg. (25)	2007	15779	78.4	78.4	3.3	5.9	6.3	1.8	4.3	79.4	77.5
	2011	17514	82.7	82.7	3.2	5.7	4.8	1.2	2.4	83.6	81.9
Alberta, Canada	2007	571	84.8	84.8	1.6	3.7	5.2	3.0	1.7	84.6	85.0
	2011	515	87.4	87.4	1.0	2.3	6.9	0.6	1.7	84.7	89.5
Ontario, Canada	2007	500	93.1	93.1	0.5	1.0	3.0	1.6	0.8	92.7	93.5
	2011	637	91.2	91.2	1.2	1.6	3.5	1.1	1.6	91.5	90.8
Quebec, Canada	2007	564	79.4	79.4	1.5	4.8	9.0	2.8	2.4	78.3	80.3
	2011	604	82.8	82.8	1.2	4.5	8.3	2.2	1.0	81.9	83.7
Dubai, UAE	2007	436	62.2	62.2	5.6	14.5	10.6	2.1	5.1	63.6	60.9
	2011	890	72.8	72.8	5.2	10.4	8.6	1.6	1.4	74.6	71.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M06_12 (M041199): Data Display / Reasoning

Label: Representing data on the bar graph - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	73.0	73.0	11.6	3.3	6.1	3.0	2.9	75.5	69.7
	2011	865	80.7	80.7	10.2	3.3	3.2	2.1	0.4	79.0	82.4
Austria	2007	695	74.0	74.0	9.3	2.0	5.1	8.1	1.4	72.3	76.0
	2011	661	75.7	75.7	8.5	3.7	2.7	8.1	1.2	76.5	75.0
Chinese Taipei	2007	588	92.4	92.4	3.1	1.3	1.4	1.5	0.3	93.1	91.7
	2011	612	92.5	92.5	3.2	0.1	1.7	2.3	0.2	94.7	90.5
Czech Republic	2007	610	69.4	69.4	12.4	3.3	1.5	9.4	4.0	72.2	66.6
	2011	647	79.4	79.4	9.3	3.3	2.2	3.1	2.8	79.0	79.7
Denmark	2007	483	68.4	68.4	10.6	3.0	4.7	7.7	5.7	66.0	70.9
	2011	555	72.4	72.4	6.8	3.5	2.7	11.4	3.2	71.9	73.0
England	2007	614	82.9	82.9	7.9	3.4	2.4	1.8	1.4	87.0	79.1
	2011	490	81.7	81.7	6.2	3.6	2.4	4.6	1.5	83.0	80.4
Georgia	2007	590	43.2	43.2	16.3	8.7	6.3	15.9	9.5	42.7	43.8
	2011	687	55.3	55.3	18.0	4.7	7.1	10.0	5.0	57.6	53.5
Germany	2007	741	76.4	76.4	7.6	2.3	2.9	8.1	2.7	77.4	75.4
	2011	573	82.1	82.1	6.4	2.5	2.4	4.6	1.9	86.5	77.9
Hong Kong SAR	2007	537	95.5	95.5	2.3	0.2	0.9	0.9	0.2	96.1	95.0
	2011	567	95.3	95.3	3.2	0.0	0.6	1.0	0.0	96.7	94.2
Hungary	2007	574	71.7	71.7	6.8	3.0	2.1	10.6	5.8	71.1	72.2
	2011	745	78.2	78.2	7.4	3.7	3.3	4.2	3.2	78.9	77.7
Iran, Islamic Rep. of	2007	553	39.3	39.3	15.2	7.8	11.5	14.7	11.6	39.3	39.3
	2011	817	50.6	50.6	18.0	9.4	7.0	10.2	4.7	51.8	49.5
Italy	2007	638	78.7	78.7	8.0	2.4	2.6	5.4	2.8	77.7	79.7
	2011	595	80.3	80.3	7.7	2.2	2.9	4.5	2.3	81.6	79.0
Japan	2007	641	88.6	88.6	5.3	1.1	1.3	0.9	2.8	90.8	86.4
	2011	637	89.8	89.8	5.4	0.6	0.8	1.4	1.9	91.9	87.8
Kuwait	2007	536	30.1	30.1	19.0	7.4	7.6	24.7	11.2	33.6	26.3
	2011	573	51.5	51.5	16.9	8.9	9.2	9.5	4.0	53.6	49.1
Lithuania	2007	559	83.7	83.7	7.2	2.0	1.7	3.0	2.4	84.0	83.4
	2011	678	86.4	86.4	5.1	3.3	2.4	2.3	0.5	85.6	87.1
Netherlands	2007	477	84.8	84.8	7.1	1.7	2.3	2.8	1.4	88.9	81.4
	2011	451	90.9	90.9	2.5	1.8	1.2	2.5	1.0	91.7	90.1
New Zealand	2007	702	75.8	75.8	7.3	3.6	4.7	6.2	2.5	77.3	74.6
	2011	790	72.5	72.5	10.7	6.8	3.5	4.1	2.4	76.6	68.7
Norway	2007	585	66.8	66.8	10.6	5.5	3.9	6.8	6.3	63.3	70.9
	2011	423	74.2	74.2	9.0	2.9	2.3	8.5	3.1	75.1	73.3
Russian Federation	2007	632	78.9	78.9	9.0	0.9	2.9	4.7	3.6	82.6	74.9
	2011	639	89.3	89.3	3.9	1.1	2.3	2.1	1.2	90.1	88.7
Singapore	2007	712	93.3	93.3	3.4	1.0	1.6	0.3	0.3	95.6	91.4
	2011	913	91.5	91.5	4.2	1.3	1.9	1.1	0.1	92.5	90.4
Slovak Republic	2007	711	63.0	63.0	11.9	2.7	6.4	11.3	4.6	62.6	63.4
	2011	785	79.9	79.9	8.1	3.1	2.6	3.9	2.3	81.0	79.0
Slovenia	2007	623	73.1	73.1	9.7	3.6	4.7	3.9	4.9	72.8	73.3
	2011	646	81.0	81.0	7.6	3.7	2.2	2.4	3.1	82.8	79.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M06_12 (M041199): Data Display / Reasoning

Label: Representing data on the bar graph - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	674	77.6	77.6	6.3	2.0	1.5	8.3	4.4	78.5	76.7
	2011	680	80.0	80.0	5.0	1.4	1.4	7.6	4.5	77.3	82.6
Tunisia	2007	591	17.2	17.2	11.5	10.8	6.9	34.0	19.7	18.4	16.0
	2011	661	25.3	25.3	17.7	8.8	6.6	25.3	16.3	27.6	23.1
United States	2007	1138	88.1	88.1	4.0	2.1	1.8	2.1	1.8	89.2	87.1
	2011	1802	90.7	90.7	3.5	0.9	1.7	1.6	1.5	91.6	89.9
International Avg. (25)	2007	15781	71.4	71.4	8.9	3.4	3.8	7.8	4.6	72.3	70.6
	2011	17492	77.1	77.1	8.2	3.4	3.1	5.5	2.7	78.2	76.1
Alberta, Canada	2007	571	83.7	83.7	4.8	2.9	2.4	3.9	2.4	87.1	80.6
	2011	515	84.9	84.9	6.9	1.6	2.9	1.8	1.9	84.8	85.0
Ontario, Canada	2007	500	83.6	83.6	6.6	2.9	3.5	2.3	1.1	84.0	83.2
	2011	637	84.7	84.7	8.2	1.8	1.8	1.8	1.8	87.0	82.4
Quebec, Canada	2007	564	80.0	80.0	6.4	1.5	3.4	5.6	3.1	80.8	79.4
	2011	604	85.6	85.6	4.8	1.7	2.8	3.7	1.3	84.6	86.6
Dubai, UAE	2007	435	43.2	43.2	29.3	6.5	7.4	7.7	5.8	46.5	40.3
	2011	890	73.7	73.7	9.6	3.9	5.3	5.8	1.7	74.8	72.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M07_01 (M031210): Number / Knowing

Label: Select a fraction larger than 1/2 - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	584	52.6	52.6	7.5	4.9	33.7	1.1	0.1	56.0	48.6
	2011	871	54.2	54.2	9.7	3.6	31.9	0.5	0.1	50.9	57.2
Austria	2007	694	40.5	40.5	8.3	4.5	36.1	10.6	0.0	37.2	44.0
	2011	667	35.0	35.0	6.9	4.5	36.4	17.2	0.0	35.7	34.3
Chinese Taipei	2007	590	61.4	61.4	9.4	3.1	25.3	0.9	0.0	61.3	61.4
	2011	611	67.4	67.4	10.2	6.0	15.2	1.2	0.0	62.5	71.6
Czech Republic	2007	602	28.7	28.7	7.4	3.5	36.3	24.1	0.0	30.7	26.9
	2011	651	36.2	36.2	8.1	5.5	41.0	9.2	0.0	36.4	36.0
Denmark	2007	481	39.2	39.2	8.7	6.6	36.9	8.7	0.0	36.6	42.0
	2011	557	47.9	47.9	9.1	4.6	31.8	5.7	0.9	46.9	48.9
England	2007	602	59.5	59.5	7.8	9.4	20.9	2.4	0.0	55.4	63.6
	2011	479	49.7	49.7	7.9	7.8	30.4	4.0	0.2	44.2	55.4
Georgia	2007	590	49.5	49.5	10.5	5.6	27.2	6.5	0.7	48.3	50.5
	2011	692	49.2	49.2	9.3	6.3	28.0	7.0	0.1	47.1	51.2
Germany	2007	727	31.1	31.1	6.8	8.9	39.0	14.2	0.0	31.2	30.9
	2011	574	33.0	33.0	9.3	8.0	37.8	11.9	0.0	27.1	39.2
Hong Kong SAR	2007	533	72.2	72.2	12.7	3.2	11.0	0.9	0.0	70.7	73.8
	2011	569	73.7	73.7	10.2	3.6	11.9	0.6	0.0	71.6	75.2
Hungary	2007	573	42.5	42.5	8.9	6.4	33.5	8.5	0.3	40.3	44.5
	2011	742	47.6	47.6	9.5	7.1	30.2	5.1	0.4	45.7	49.2
Iran, Islamic Rep. of	2007	555	29.7	29.7	8.6	4.5	50.8	6.2	0.2	26.1	33.4
	2011	826	33.3	33.3	9.9	6.2	47.0	3.0	0.6	32.5	34.0
Italy	2007	632	44.5	44.5	5.6	3.9	40.4	5.4	0.2	41.1	47.7
	2011	590	42.0	42.0	10.8	3.5	39.9	3.8	0.1	42.5	41.5
Japan	2007	648	55.4	55.4	6.7	4.3	25.5	7.9	0.1	54.9	55.9
	2011	630	60.0	60.0	9.5	3.9	19.7	7.0	0.0	60.0	59.9
Kuwait	2007	536	25.0	25.0	12.1	9.3	45.6	5.4	2.5	23.4	26.9
	2011	589	30.3	30.3	12.3	8.0	40.7	7.9	0.8	29.1	31.8
Lithuania	2007	565	54.0	54.0	6.3	5.4	29.1	5.2	0.0	50.0	58.1
	2011	668	55.8	55.8	12.2	4.7	23.7	3.6	0.0	50.6	60.9
Netherlands	2007	471	50.2	50.2	13.4	7.1	27.3	2.0	0.0	48.3	52.1
	2011	468	48.7	48.7	19.3	5.9	24.8	1.0	0.2	46.3	51.2
New Zealand	2007	703	59.3	59.3	7.2	4.7	26.7	1.6	0.5	59.0	59.6
	2011	807	52.9	52.9	11.1	5.9	28.2	1.7	0.1	54.3	51.8
Norway	2007	594	46.0	46.0	14.3	5.6	31.0	2.9	0.3	42.4	50.4
	2011	441	47.7	47.7	9.3	4.7	32.6	5.7	0.0	49.9	45.4
Russian Federation	2007	632	64.7	64.7	6.6	4.6	20.4	3.5	0.2	65.1	64.3
	2011	644	61.7	61.7	11.0	4.1	18.7	4.4	0.2	60.8	62.5
Singapore	2007	728	66.2	66.2	11.3	5.5	17.0	0.1	0.0	67.5	64.9
	2011	915	66.9	66.9	12.8	6.8	13.4	0.1	0.0	65.4	68.3
Slovak Republic	2007	706	36.2	36.2	6.9	4.1	46.6	5.9	0.3	35.6	36.8
	2011	795	41.0	41.0	12.0	5.6	36.9	4.3	0.2	42.3	39.6
Slovenia	2007	630	38.2	38.2	9.6	3.2	42.3	6.4	0.4	34.4	41.9
	2011	622	42.5	42.5	10.5	4.4	37.5	5.1	0.0	44.9	40.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M07_01 (M031210): Number / Knowing

Label: Select a fraction larger than 1/2 - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	667	39.9	39.9	14.1	5.3	31.0	9.6	0.1	39.3	40.5
	2011	676	37.7	37.7	16.3	8.4	30.2	7.1	0.3	37.1	38.3
Tunisia	2007	586	17.2	17.2	12.4	10.9	37.2	19.5	2.7	15.5	18.8
	2011	677	20.0	20.0	12.0	11.6	39.0	16.3	1.1	20.8	19.3
United States	2007	1132	59.2	59.2	10.2	6.0	23.6	0.8	0.2	58.8	59.5
	2011	1816	62.4	62.4	10.8	6.0	19.9	0.7	0.1	58.1	67.0

International Avg. (25)	2007	15761	46.5	46.5	9.3	5.6	31.8	6.4	0.4	45.2	47.9
	2011	17577	47.9	47.9	10.8	5.9	29.9	5.4	0.2	46.5	49.2

Alberta, Canada	2007	573	45.6	45.6	6.0	5.0	42.7	0.7	0.0	42.4	48.7
	2011	518	52.3	52.3	8.7	4.3	33.7	1.0	0.0	51.4	53.1
Ontario, Canada	2007	487	46.2	46.2	10.8	4.6	36.3	2.1	0.0	43.1	49.2
	2011	658	48.0	48.0	8.5	5.7	36.5	1.4	0.0	44.8	51.0
Quebec, Canada	2007	567	40.2	40.2	11.6	5.4	39.0	3.7	0.1	37.8	42.6
	2011	596	49.2	49.2	8.3	5.3	35.1	2.1	0.0	40.4	58.3
Dubai, UAE	2007	454	37.0	37.0	7.3	7.1	42.3	5.2	1.1	29.1	43.9
	2011	879	39.4	39.4	8.7	4.9	41.6	4.9	0.5	33.1	44.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M07_02 (M031009): Number / Applying
Label: How many pages needed altogether - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	584	57.0	5.3	3.2	30.2	4.2	0.1	57.0	62.9	50.0
	2011	871	53.3	4.9	6.8	33.8	1.1	0.1	53.3	55.0	51.8
Austria	2007	694	38.0	6.7	13.0	30.1	12.3	0.0	38.0	36.0	40.1
	2011	667	34.7	7.3	12.9	35.4	9.7	0.0	34.7	36.7	32.9
Chinese Taipei	2007	590	59.2	5.0	4.9	28.5	2.4	0.0	59.2	64.2	54.8
	2011	611	59.5	4.1	4.5	30.7	1.1	0.0	59.5	64.0	55.6
Czech Republic	2007	602	45.8	5.2	5.3	30.7	12.9	0.1	45.8	46.6	45.2
	2011	651	46.6	6.8	6.4	27.7	12.4	0.0	46.6	46.0	47.1
Denmark	2007	495	40.2	2.6	7.6	43.1	6.6	0.0	40.2	41.7	38.7
	2011	557	39.4	2.8	7.3	47.2	2.5	0.9	39.4	42.8	35.9
England	2007	602	61.9	4.7	5.5	23.0	4.9	0.0	61.9	65.3	58.7
	2011	479	54.6	3.9	7.3	29.9	4.0	0.2	54.6	55.6	53.6
Georgia	2007	590	32.9	12.6	3.4	32.5	17.9	0.7	32.9	39.0	27.5
	2011	692	35.9	13.6	5.2	34.1	11.0	0.1	35.9	36.1	35.8
Germany	2007	727	41.8	5.4	17.1	30.2	5.6	0.0	41.8	43.5	39.9
	2011	574	39.7	6.0	13.0	35.2	6.1	0.0	39.7	40.3	39.1
Hong Kong SAR	2007	533	27.3	11.2	32.1	27.4	1.9	0.0	27.3	27.5	27.1
	2011	569	29.2	10.7	31.9	26.4	1.8	0.0	29.2	28.0	30.1
Hungary	2007	573	8.2	6.5	26.2	51.9	7.0	0.3	8.2	10.5	6.1
	2011	743	10.8	11.1	22.9	49.6	5.1	0.4	10.8	12.2	9.5
Iran, Islamic Rep. of	2007	555	7.3	9.1	3.6	60.4	19.4	0.2	7.3	7.8	6.8
	2011	826	8.3	9.4	4.6	59.4	17.6	0.6	8.3	7.0	9.5
Italy	2007	642	36.9	9.8	4.9	36.8	10.9	0.7	36.9	37.1	36.6
	2011	590	33.5	10.6	6.8	41.7	7.3	0.1	33.5	33.9	33.2
Japan	2007	648	65.8	5.0	1.9	25.6	1.6	0.1	65.8	64.8	66.9
	2011	630	68.1	5.2	2.4	22.7	1.5	0.0	68.1	67.0	69.2
Kuwait	2007	536	1.5	13.1	0.2	55.5	27.1	2.7	1.5	2.0	0.9
	2011	592	3.4	5.1	0.9	65.6	23.9	1.2	3.4	2.7	4.1
Lithuania	2007	565	44.5	11.6	12.0	26.2	5.8	0.0	44.5	47.7	41.2
	2011	668	36.4	9.0	14.5	36.0	4.1	0.0	36.4	39.4	33.4
Netherlands	2007	471	41.3	4.8	13.0	39.0	2.0	0.0	41.3	39.2	43.3
	2011	468	45.1	5.1	14.3	34.4	0.9	0.2	45.1	46.5	43.6
New Zealand	2007	703	50.4	5.0	4.9	35.7	3.5	0.5	50.4	52.9	48.3
	2011	807	46.5	4.3	5.5	40.6	3.0	0.1	46.5	50.8	43.0
Norway	2007	594	31.5	4.7	4.6	52.4	6.4	0.4	31.5	33.9	28.6
	2011	441	37.8	9.1	4.8	41.6	6.1	0.6	37.8	38.8	36.7
Russian Federation	2007	632	52.7	11.5	6.5	23.7	5.3	0.2	52.7	52.9	52.6
	2011	644	51.8	8.4	8.7	25.9	5.0	0.2	51.8	49.8	53.5
Singapore	2007	728	47.6	9.9	22.1	20.1	0.3	0.0	47.6	52.3	42.9
	2011	915	49.1	5.8	23.3	21.5	0.4	0.0	49.1	52.4	45.9
Slovak Republic	2007	706	14.8	12.2	21.0	35.1	16.5	0.3	14.8	17.4	12.3
	2011	795	16.0	13.9	20.4	40.9	8.6	0.2	16.0	17.7	14.0
Slovenia	2007	630	19.0	8.1	7.3	56.7	8.5	0.4	19.0	18.5	19.6
	2011	632	25.5	8.8	7.2	48.2	10.3	0.0	25.5	23.1	27.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M07_02 (M031009): Number / Applying

Label: How many pages needed altogether - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	667	65.5	4.7	3.4	21.4	4.9	0.1	65.5	66.8	64.3
	2011	676	64.0	5.5	3.9	22.2	4.1	0.3	64.0	65.5	62.7
Tunisia	2007	586	5.8	8.3	6.1	53.6	23.0	3.3	5.8	5.2	6.4
	2011	702	6.5	8.6	4.8	62.3	16.8	1.1	6.5	9.8	3.3
United States	2007	1132	45.8	8.1	6.8	36.5	2.6	0.2	45.8	47.0	44.5
	2011	1816	47.2	9.4	8.0	34.0	1.3	0.1	47.2	46.4	48.0

International Avg. (25)	2007	15785	37.7	7.6	9.5	36.2	8.5	0.4	37.7	39.3	36.1
	2011	17616	37.7	7.6	9.9	37.9	6.6	0.3	37.7	38.7	36.8

Alberta, Canada	2007	573	46.0	5.2	5.9	40.6	2.3	0.0	46.0	50.3	41.8
	2011	518	47.5	5.4	6.6	38.5	2.0	0.0	47.5	52.5	43.8
Ontario, Canada	2007	487	47.9	3.7	7.4	36.4	4.4	0.1	47.9	54.4	41.4
	2011	658	48.5	5.4	8.3	34.6	3.3	0.0	48.5	48.5	48.5
Quebec, Canada	2007	567	44.0	21.6	2.4	26.5	5.4	0.1	44.0	42.6	45.4
	2011	596	47.8	17.6	2.6	29.2	2.9	0.0	47.8	49.1	46.4
Dubai, UAE	2007	454	17.3	10.5	7.4	49.9	13.4	1.5	17.3	17.2	17.4
	2011	879	21.7	9.3	7.1	53.8	7.5	0.6	21.7	20.0	23.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M07_03 (M031252): Number / Applying

Label: If the patter 3,6,9,12 continued - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	584	75.7	13.6	75.7	5.3	3.6	1.6	0.1	82.4	67.7
	2011	871	74.0	16.7	74.0	6.3	2.7	0.2	0.1	73.3	74.6
Austria	2007	694	58.7	14.0	58.7	5.7	12.9	8.6	0.0	55.1	62.6
	2011	667	66.2	13.0	66.2	6.7	8.0	5.9	0.1	63.3	68.6
Chinese Taipei	2007	590	78.7	10.1	78.7	2.6	6.2	2.4	0.0	78.0	79.3
	2011	611	81.1	6.8	81.1	4.9	5.7	1.5	0.0	79.0	82.9
Czech Republic	2007	602	72.0	11.9	72.0	6.4	3.2	6.4	0.1	73.3	70.7
	2011	651	81.6	9.0	81.6	5.2	1.4	2.7	0.2	79.1	84.0
Denmark	2007	557	80.5	10.2	80.5	3.5	1.8	3.2	0.9	81.5	79.5
	2011	557	80.5	10.2	80.5	3.5	1.8	3.2	0.9	81.5	79.5
England	2007	602	82.3	7.3	82.3	5.8	2.2	2.3	0.1	86.3	78.4
	2011	479	80.3	10.5	80.3	5.4	1.9	1.7	0.2	81.6	78.9
Georgia	2007	591	49.4	25.3	49.4	5.6	9.0	9.7	1.0	50.8	48.2
	2011	692	51.6	22.0	51.6	9.1	11.9	5.4	0.1	52.7	50.5
Germany	2007	727	80.1	7.4	80.1	5.0	2.3	5.3	0.0	80.2	80.0
	2011	574	78.4	10.3	78.4	3.9	1.3	6.1	0.0	76.6	80.3
Hong Kong SAR	2007	533	78.3	6.5	78.3	7.5	6.1	1.5	0.0	77.9	78.8
	2011	569	80.3	6.7	80.3	5.7	6.3	0.9	0.0	77.8	82.3
Hungary	2007	573	62.5	15.0	62.5	7.6	7.9	6.7	0.3	61.0	63.9
	2011	743	59.6	19.0	59.6	10.6	6.6	3.6	0.6	61.5	58.0
Iran, Islamic Rep. of	2007	555	29.7	19.8	29.7	13.6	29.4	7.3	0.2	33.9	25.3
	2011	826	34.0	17.2	34.0	12.2	26.3	9.3	1.0	32.6	35.3
Italy	2007	637	74.4	8.8	74.4	6.4	6.2	3.4	0.8	73.0	75.6
	2011	590	75.4	10.4	75.4	5.0	5.0	3.9	0.3	73.7	76.9
Japan	2007	648	76.8	8.4	76.8	6.4	5.0	3.3	0.1	74.2	79.5
	2011	630	78.7	7.6	78.7	6.0	5.5	2.2	0.0	78.0	79.3
Kuwait	2007	536	28.9	24.7	28.9	11.2	24.7	7.6	2.8	27.8	30.2
	2011	588	28.6	28.9	28.6	13.3	18.5	9.5	1.3	30.6	26.2
Lithuania	2007	565	73.0	14.8	73.0	5.5	1.5	4.9	0.3	72.9	73.2
	2011	668	70.2	17.9	70.2	5.6	3.7	2.6	0.0	70.7	69.8
Netherlands	2007	471	62.7	13.8	62.7	10.4	9.5	3.6	0.0	59.2	66.1
	2011	468	61.6	13.0	61.6	10.5	10.5	4.2	0.2	60.9	62.4
New Zealand	2007	703	71.4	16.0	71.4	5.7	4.2	2.1	0.5	74.4	69.0
	2011	807	68.1	18.6	68.1	6.0	4.7	1.8	0.8	69.4	67.0
Norway	2007	594	64.9	19.0	64.9	7.9	4.5	3.3	0.5	67.5	61.7
	2011	441	76.6	13.3	76.6	3.7	3.1	2.5	0.8	82.9	69.9
Russian Federation	2007	632	61.7	22.4	61.7	6.4	3.9	5.3	0.2	61.3	62.1
	2011	644	64.1	23.1	64.1	6.1	3.8	2.6	0.2	63.5	64.6
Singapore	2007	728	90.5	2.9	90.5	3.4	3.1	0.1	0.0	93.1	88.0
	2011	915	93.3	2.2	93.3	3.2	1.2	0.1	0.0	95.6	91.2
Slovak Republic	2007	706	67.9	17.4	67.9	6.2	4.7	3.5	0.3	66.1	69.7
	2011	795	71.7	13.3	71.7	8.1	4.8	1.9	0.2	71.5	71.9
Slovenia	2007	630	75.6	11.4	75.6	3.5	6.2	2.8	0.5	75.6	75.6
	2011	627	78.6	11.7	78.6	5.7	2.2	1.8	0.0	81.0	76.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M07_03 (M031252): Number / Applying

Label: If the patter 3,6,9,12 continued - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	667	61.4	21.4	61.4	7.3	4.9	4.4	0.5	63.3	59.8
	2011	676	68.0	18.8	68.0	6.2	4.1	2.4	0.5	70.0	66.2
Tunisia	2007	586	28.8	11.8	28.8	17.1	19.9	18.4	3.9	24.0	33.1
	2011	677	26.8	17.1	26.8	21.7	23.1	10.2	1.2	22.4	31.1
United States	2007	1132	82.3	10.4	82.3	4.0	2.5	0.5	0.3	83.5	81.2
	2011	1816	83.3	8.5	83.3	5.2	1.9	1.0	0.1	81.8	84.9

International Avg. (25)	2007	15286	66.2	13.9	66.2	6.9	7.6	4.8	0.5	66.5	65.8
	2011	17582	68.5	13.8	68.5	7.2	6.6	3.5	0.4	68.4	68.5

Alberta, Canada	2007	573	77.2	14.1	77.2	4.9	2.9	0.9	0.0	79.2	75.2
	2011	518	75.5	14.1	75.5	5.5	3.6	1.2	0.0	79.6	72.5
Ontario, Canada	2007	487	76.3	13.7	76.3	5.0	3.3	1.5	0.1	75.1	77.5
	2011	658	74.5	15.6	74.5	5.6	2.7	1.5	0.1	74.6	74.4
Quebec, Canada	2007	567	68.7	18.4	68.7	4.7	1.9	6.2	0.1	70.1	67.3
	2011	596	72.8	17.5	72.8	4.3	1.8	3.7	0.0	72.0	73.6
Dubai, UAE	2007	454	54.8	17.1	54.8	6.7	12.9	7.1	1.5	57.2	52.6
	2011	879	58.7	16.1	58.7	7.8	11.1	5.7	0.6	57.2	60.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M07_04 (M031316): Number / Knowing
Label: 4 times box equals 28 - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	584	75.0	21.9	3.0	0.1	75.0	76.6	73.1
	2011	871	77.0	20.7	2.2	0.1	77.0	73.2	80.6
Austria	2007	694	97.7	1.5	0.8	0.0	97.7	97.9	97.6
	2011	667	94.4	3.6	1.9	0.1	94.4	95.5	93.4
Chinese Taipei	2007	590	98.2	1.6	0.2	0.0	98.2	99.4	97.1
	2011	611	98.0	1.8	0.2	0.0	98.0	98.2	97.8
Czech Republic	2007	602	91.8	4.6	3.5	0.1	91.8	90.7	92.8
	2011	651	93.8	3.8	2.2	0.2	93.8	94.2	93.3
Denmark	2007	495	81.8	14.5	2.7	1.0	81.8	81.0	82.7
	2011	557	80.1	16.3	2.5	1.1	80.1	81.5	78.6
England	2007	602	81.7	15.2	3.0	0.1	81.7	83.4	80.0
	2011	479	82.0	15.4	2.3	0.2	82.0	87.8	76.0
Georgia	2007	591	87.4	6.6	5.0	1.1	87.4	89.4	85.6
	2011	692	84.8	12.7	2.4	0.1	84.8	84.2	85.4
Germany	2007	727	93.0	6.3	0.6	0.1	93.0	94.4	91.4
	2011	574	91.9	6.5	1.7	0.0	91.9	91.5	92.3
Hong Kong SAR	2007	533	96.4	2.9	0.8	0.0	96.4	96.4	96.4
	2011	569	97.4	2.1	0.5	0.0	97.4	97.9	97.0
Hungary	2007	573	90.1	7.4	1.8	0.7	90.1	94.9	85.6
	2011	743	91.4	6.8	1.3	0.6	91.4	91.9	90.9
Iran, Islamic Rep. of	2007	555	83.9	12.6	3.1	0.4	83.9	85.2	82.4
	2011	826	86.6	9.5	2.9	1.0	86.6	86.7	86.4
Italy	2007	642	89.4	7.2	2.4	1.0	89.4	88.0	90.8
	2011	590	91.5	6.2	1.9	0.3	91.5	94.1	89.2
Japan	2007	648	99.0	0.9	0.0	0.1	99.0	99.1	98.9
	2011	630	97.8	2.0	0.2	0.0	97.8	98.7	97.0
Kuwait	2007	536	53.9	33.7	9.5	2.8	53.9	59.9	47.2
	2011	593	47.3	44.0	6.9	1.8	47.3	50.3	43.8
Lithuania	2007	565	90.7	6.9	2.2	0.3	90.7	87.6	93.7
	2011	668	92.7	5.3	1.9	0.0	92.7	92.7	92.8
Netherlands	2007	471	90.1	9.4	0.5	0.0	90.1	90.9	89.3
	2011	468	92.6	7.2	0.0	0.2	92.6	93.7	91.5
New Zealand	2007	703	71.7	25.4	2.3	0.5	71.7	72.2	71.3
	2011	807	70.0	26.9	2.2	0.8	70.0	73.7	66.9
Norway	2007	594	72.6	24.0	2.9	0.5	72.6	73.5	71.5
	2011	441	77.4	20.0	1.6	1.0	77.4	75.3	79.6
Russian Federation	2007	632	96.0	2.6	1.0	0.3	96.0	95.3	96.9
	2011	644	94.6	5.1	0.1	0.2	94.6	95.1	94.1
Singapore	2007	728	93.9	6.1	0.0	0.0	93.9	97.0	90.7
	2011	915	95.7	4.2	0.1	0.0	95.7	95.6	95.8
Slovak Republic	2007	706	91.5	6.8	1.1	0.5	91.5	92.1	90.9
	2011	795	92.7	5.7	1.4	0.2	92.7	94.2	91.1
Slovenia	2007	630	92.4	5.8	1.3	0.5	92.4	93.3	91.7
	2011	632	91.8	6.9	1.3	0.0	91.8	91.7	91.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M07_04 (M031316): Number / Knowing
Label: 4 times box equals 28 - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	667	77.0	18.3	4.1	0.6	77.0	77.8	76.3
	2011	676	75.2	20.7	3.5	0.6	75.2	75.4	75.1
Tunisia	2007	586	66.1	21.7	8.2	3.9	66.1	68.1	64.4
	2011	702	71.3	25.5	1.5	1.8	71.3	73.3	69.4
United States	2007	1132	86.6	12.1	1.0	0.3	86.6	87.6	85.6
	2011	1816	86.7	11.9	1.2	0.2	86.7	87.9	85.5

International Avg. (25)	2007	15786	85.9	11.0	2.4	0.6	85.9	86.9	85.0
	2011	17617	86.2	11.6	1.8	0.4	86.2	87.0	85.4

Alberta, Canada	2007	573	81.6	16.4	2.0	0.0	81.6	81.4	81.8
	2011	518	74.0	24.5	1.3	0.2	74.0	75.7	72.7
Ontario, Canada	2007	487	77.6	20.2	2.1	0.1	77.6	77.5	77.8
	2011	658	76.5	21.4	1.9	0.1	76.5	75.3	77.7
Quebec, Canada	2007	567	82.7	13.5	3.8	0.1	82.7	82.8	82.5
	2011	596	83.3	14.8	1.8	0.1	83.3	84.7	81.9
Dubai, UAE	2007	454	78.2	16.1	4.2	1.5	78.2	81.1	75.7
	2011	879	80.5	14.9	4.1	0.6	80.5	81.7	79.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M07_05 (M031317): Number / Knowing
Label: 3 + 8 = box plus 6 - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	584	24.7	20.9	50.9	1.1	24.7	2.0	0.4	25.7	23.5
	2011	871	33.1	19.1	44.7	2.0	33.1	1.1	0.1	28.0	37.7
Austria	2007	694	16.4	39.6	41.1	0.5	16.4	2.3	0.0	13.2	19.8
	2011	667	18.2	37.3	41.3	0.8	18.2	2.3	0.1	20.0	16.7
Chinese Taipei	2007	590	58.7	5.2	35.3	0.7	58.7	0.2	0.0	61.0	56.6
	2011	611	67.2	4.1	28.1	0.4	67.2	0.3	0.0	64.7	69.3
Czech Republic	2007	602	15.2	31.0	48.5	1.3	15.2	4.0	0.1	15.2	15.2
	2011	651	19.8	28.6	48.6	0.9	19.8	2.0	0.2	17.3	22.2
Denmark	2007	494	20.2	28.5	47.0	0.9	20.2	2.4	1.0	22.1	18.3
	2011	557	26.9	23.7	41.6	1.5	26.9	4.6	1.6	27.2	26.7
England	2007	602	30.4	18.2	47.0	2.3	30.4	2.0	0.1	24.1	36.5
	2011	479	29.0	23.8	43.5	2.0	29.0	1.5	0.2	28.5	29.5
Georgia	2007	591	54.4	20.1	16.8	2.5	54.4	5.1	1.1	57.1	52.0
	2011	692	45.2	20.7	22.5	5.7	45.2	5.7	0.1	43.7	46.6
Germany	2007	727	18.8	21.4	57.2	0.5	18.8	2.0	0.1	18.6	19.0
	2011	574	24.2	19.0	53.5	1.2	24.2	2.2	0.0	21.5	27.0
Hong Kong SAR	2007	533	90.2	0.8	6.9	1.1	90.2	1.0	0.0	89.5	91.0
	2011	569	87.5	2.7	8.3	1.1	87.5	0.4	0.0	85.8	88.9
Hungary	2007	573	52.9	21.4	18.7	2.9	52.9	3.3	0.9	53.4	52.4
	2011	743	50.4	21.2	24.1	1.4	50.4	2.3	0.7	55.2	46.1
Iran, Islamic Rep. of	2007	555	31.6	20.6	36.0	5.4	31.6	6.0	0.4	27.3	36.1
	2011	826	30.8	17.8	39.8	5.7	30.8	4.9	1.0	29.7	31.8
Italy	2007	639	16.8	22.6	57.0	0.4	16.8	2.0	1.2	17.1	16.5
	2011	590	17.9	22.8	56.0	0.8	17.9	2.0	0.5	14.7	20.7
Japan	2007	648	56.9	2.8	38.8	0.6	56.9	0.9	0.1	54.2	59.7
	2011	630	68.4	1.7	28.3	0.8	68.4	0.7	0.0	66.6	70.1
Kuwait	2007	536	21.5	19.2	44.7	7.0	21.5	4.5	3.2	23.1	19.7
	2011	589	11.4	25.1	47.6	8.0	11.4	6.3	1.6	7.1	16.6
Lithuania	2007	565	64.7	14.4	15.7	2.1	64.7	2.9	0.3	65.6	63.7
	2011	668	66.1	15.7	13.6	2.7	66.1	1.9	0.0	67.4	64.8
Netherlands	2007	471	32.8	20.4	45.1	1.2	32.8	0.3	0.2	31.7	33.9
	2011	468	31.9	12.0	54.6	1.0	31.9	0.2	0.2	27.9	35.9
New Zealand	2007	703	18.8	18.3	58.2	2.3	18.8	1.9	0.5	17.4	20.0
	2011	807	16.6	26.1	53.6	1.6	16.6	1.3	0.8	15.5	17.5
Norway	2007	594	29.6	27.4	35.4	4.3	29.6	2.9	0.5	29.6	29.5
	2011	441	34.8	24.1	34.5	2.8	34.8	2.3	1.6	34.8	34.8
Russian Federation	2007	632	75.8	7.2	13.5	2.1	75.8	1.1	0.3	75.8	75.7
	2011	644	79.7	6.8	10.3	1.2	79.7	1.8	0.2	82.2	77.5
Singapore	2007	728	83.3	4.5	11.5	0.5	83.3	0.3	0.0	85.1	81.5
	2011	915	85.3	3.0	10.2	1.1	85.3	0.4	0.0	85.2	85.3
Slovak Republic	2007	706	38.4	24.9	31.4	1.3	38.4	3.2	0.7	38.5	38.2
	2011	795	44.4	18.1	33.7	1.4	44.4	2.1	0.2	47.1	41.6
Slovenia	2007	630	36.1	21.9	37.8	1.7	36.1	2.0	0.5	32.8	39.2
	2011	632	36.4	21.5	38.7	0.6	36.4	2.8	0.0	35.7	37.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M07_05 (M031317): Number / Knowing
Label: 3 + 8 = box plus 6 - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	667	37.4	26.1	30.2	2.8	37.4	2.8	0.7	35.6	39.0
	2011	676	51.4	19.9	24.8	1.9	51.4	1.5	0.6	55.7	47.6
Tunisia	2007	586	23.3	20.9	25.8	12.7	23.3	12.7	4.6	23.6	23.0
	2011	679	23.2	23.8	36.8	9.3	23.2	5.0	1.8	23.5	22.9
United States	2007	1132	43.3	11.0	42.5	1.7	43.3	1.2	0.3	41.8	44.9
	2011	1816	47.2	9.4	40.9	1.2	47.2	1.1	0.2	45.1	49.4
International Avg. (25)	2007	15782	39.7	18.8	35.7	2.4	39.7	2.8	0.7	39.2	40.2
	2011	17590	41.9	17.9	35.2	2.3	41.9	2.3	0.5	41.2	42.6
Alberta, Canada	2007	573	8.7	22.0	63.8	2.3	8.7	3.2	0.0	8.0	9.4
	2011	518	17.6	20.2	59.2	1.0	17.6	1.8	0.2	19.9	15.9
Ontario, Canada	2007	487	21.5	18.0	53.6	2.9	21.5	3.9	0.1	18.8	24.1
	2011	658	26.2	16.3	53.2	2.8	26.2	1.4	0.1	24.0	28.3
Quebec, Canada	2007	567	27.7	23.6	43.8	1.9	27.7	2.4	0.5	31.9	23.5
	2011	596	26.3	22.8	47.9	0.8	26.3	2.1	0.2	24.1	28.6
Dubai, UAE	2007	454	21.0	20.5	49.4	2.8	21.0	4.8	1.5	19.0	22.6
	2011	879	21.3	21.4	49.6	3.0	21.3	4.1	0.6	16.5	25.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M07_06B (M031079B): Number / Applying
Label: Pattern of circles/figure 5 - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	584	80.5	3.0	12.6	3.5	0.4	80.5	80.5	80.4
	2011	871	77.5	4.7	16.9	0.8	0.1	77.5	75.0	79.8
Austria	2007	694	80.0	1.2	14.5	4.2	0.0	80.0	78.9	81.3
	2011	667	81.3	1.3	14.0	3.3	0.1	81.3	79.0	83.2
Chinese Taipei	2007	590	88.1	2.9	8.6	0.4	0.0	88.1	89.6	86.8
	2011	611	92.1	2.2	5.0	0.8	0.0	92.1	91.7	92.4
Czech Republic	2007	602	74.3	0.7	18.8	6.1	0.1	74.3	76.2	72.6
	2011	651	80.4	2.0	14.7	2.7	0.2	80.4	76.8	84.0
Denmark	2007	495	82.1	0.8	12.5	3.7	1.0	82.1	82.8	81.4
	2011	557	81.4	0.5	13.1	3.4	1.6	81.4	81.7	81.2
England	2007	602	79.2	3.0	15.4	2.2	0.1	79.2	79.2	79.2
	2011	479	79.9	2.6	15.6	1.7	0.2	79.9	78.8	81.0
Georgia	2007	591	37.9	2.4	32.2	26.3	1.2	37.9	40.6	35.6
	2011	692	45.4	4.7	36.3	13.3	0.3	45.4	48.7	42.5
Germany	2007	727	86.0	2.5	9.5	1.9	0.1	86.0	87.0	85.0
	2011	574	84.0	3.0	10.8	2.2	0.0	84.0	83.6	84.3
Hong Kong SAR	2007	533	93.4	1.8	4.8	0.1	0.0	93.4	95.4	91.3
	2011	569	91.7	1.8	6.0	0.5	0.0	91.7	92.7	91.0
Hungary	2007	573	76.1	0.5	21.6	0.9	0.9	76.1	76.1	76.2
	2011	743	73.8	0.5	22.4	2.5	0.8	73.8	77.8	70.2
Iran, Islamic Rep. of	2007	554	39.3	4.6	41.4	13.7	1.1	39.3	40.1	38.5
	2011	826	47.0	4.4	39.5	8.1	1.0	47.0	45.5	48.3
Italy	2007	642	77.1	0.2	18.9	2.6	1.2	77.1	73.0	80.9
	2011	590	80.4	1.2	15.2	2.5	0.7	80.4	82.1	78.9
Japan	2007	648	93.1	0.7	5.7	0.3	0.1	93.1	93.0	93.3
	2011	630	91.8	1.8	6.3	0.2	0.0	91.8	92.5	91.2
Kuwait	2007	536	19.5	8.6	49.9	18.7	3.3	19.5	21.3	17.6
	2011	593	22.1	10.0	50.2	15.4	2.3	22.1	24.8	18.8
Lithuania	2007	565	81.7	3.0	11.9	3.0	0.3	81.7	82.3	81.2
	2011	668	82.2	1.7	14.9	1.2	0.0	82.2	81.2	83.2
Netherlands	2007	471	85.2	1.3	12.4	0.8	0.2	85.2	84.8	85.5
	2011	468	84.1	1.4	12.8	1.5	0.2	84.1	84.9	83.3
New Zealand	2007	703	73.6	2.1	21.9	1.8	0.6	73.6	75.8	71.8
	2011	807	69.2	4.6	23.6	1.8	0.8	69.2	69.2	69.2
Norway	2007	594	66.8	2.6	26.1	4.0	0.5	66.8	64.8	69.2
	2011	441	71.9	4.0	21.3	1.2	1.6	71.9	69.4	74.5
Russian Federation	2007	632	76.6	6.0	14.4	2.8	0.3	76.6	73.9	79.4
	2011	644	79.7	5.7	12.3	2.1	0.2	79.7	84.0	76.1
Singapore	2007	728	87.1	4.0	8.8	0.1	0.0	87.1	89.8	84.5
	2011	915	89.7	3.4	6.8	0.0	0.0	89.7	89.8	89.6
Slovak Republic	2007	706	71.5	1.3	20.8	5.7	0.7	71.5	71.1	71.9
	2011	795	76.1	1.8	19.4	2.5	0.3	76.1	77.5	74.5
Slovenia	2007	630	72.5	1.2	23.7	2.2	0.5	72.5	72.8	72.1
	2011	632	79.0	1.3	17.2	2.5	0.0	79.0	81.6	76.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M07_06B (M031079B): Number / Applying
Label: Pattern of circles/figure 5 - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	667	80.1	0.9	14.3	3.8	0.8	80.1	81.2	79.2
	2011	676	77.8	2.2	16.5	2.9	0.6	77.8	77.8	77.8
Tunisia	2007	586	31.5	3.4	46.2	13.3	5.5	31.5	34.9	28.5
	2011	702	33.2	2.2	56.0	6.1	2.5	33.2	34.2	32.2
United States	2007	1132	77.0	7.8	13.3	1.6	0.3	77.0	78.9	75.2
	2011	1816	74.6	10.1	12.9	2.1	0.2	74.6	74.7	74.4

International Avg. (25)	2007	15785	72.4	2.7	19.2	5.0	0.8	72.4	73.0	71.9
	2011	17617	73.8	3.2	19.2	3.2	0.6	73.8	74.2	73.5

Alberta, Canada	2007	573	82.6	2.6	13.3	1.5	0.0	82.6	79.8	85.2
	2011	518	84.0	1.5	12.7	1.5	0.3	84.0	84.2	83.8
Ontario, Canada	2007	487	85.4	2.5	11.5	0.5	0.1	85.4	83.9	86.9
	2011	658	82.5	2.3	13.9	0.9	0.3	82.5	82.4	82.7
Quebec, Canada	2007	567	82.3	2.3	12.4	2.5	0.5	82.3	84.6	80.0
	2011	596	90.0	1.7	6.5	1.4	0.4	90.0	88.6	91.4
Dubai, UAE	2007	454	55.2	5.6	31.8	5.8	1.6	55.2	56.3	54.1
	2011	879	65.7	5.8	24.5	3.5	0.6	65.7	63.5	67.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M07_06C (M031079C): Number / Reasoning

Label: Pattern of circles/figure 10 - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	584	38.4	56.6	4.4	0.6	38.4	43.5	32.3
	2011	871	41.1	55.9	2.9	0.1	41.1	46.0	36.6
Austria	2007	694	43.3	49.3	7.4	0.1	43.3	45.6	40.8
	2011	667	40.9	52.4	6.6	0.1	40.9	41.9	40.1
Chinese Taipei	2007	590	57.2	41.5	1.3	0.0	57.2	61.1	53.8
	2011	611	64.5	34.4	1.1	0.0	64.5	68.6	61.1
Czech Republic	2007	602	35.9	52.8	10.9	0.4	35.9	40.8	31.3
	2011	651	47.8	45.4	6.7	0.2	47.8	47.7	47.8
Denmark	2007	495	43.6	49.9	5.6	1.0	43.6	48.2	38.8
	2011	557	48.9	44.5	4.6	2.1	48.9	55.2	42.4
England	2007	602	42.2	53.3	4.3	0.2	42.2	46.0	38.4
	2011	479	42.0	54.1	3.6	0.2	42.0	48.9	34.9
Georgia	2007	591	19.7	47.9	29.7	2.7	19.7	19.6	19.9
	2011	692	21.4	59.1	18.7	0.8	21.4	24.3	18.8
Germany	2007	727	32.1	64.1	3.4	0.4	32.1	35.6	28.4
	2011	574	36.9	58.3	4.8	0.0	36.9	43.3	30.2
Hong Kong SAR	2007	533	62.8	37.1	0.1	0.0	62.8	63.1	62.4
	2011	569	67.0	31.9	1.1	0.0	67.0	71.8	63.3
Hungary	2007	573	40.3	55.0	3.8	0.9	40.3	41.5	39.2
	2011	743	42.9	52.2	4.0	1.0	42.9	47.7	38.6
Iran, Islamic Rep. of	2007	554	19.1	62.7	15.5	2.7	19.1	19.7	18.5
	2011	826	19.7	64.3	14.6	1.4	19.7	19.9	19.6
Italy	2007	642	49.6	43.9	5.4	1.2	49.6	47.5	51.5
	2011	590	48.5	45.4	5.3	0.8	48.5	54.7	43.0
Japan	2007	648	59.7	39.2	1.1	0.1	59.7	62.7	56.5
	2011	630	58.9	40.5	0.6	0.0	58.9	61.7	56.4
Kuwait	2007	536	7.8	57.2	30.7	4.3	7.8	7.8	7.9
	2011	592	10.5	66.2	20.0	3.3	10.5	12.9	7.6
Lithuania	2007	565	41.5	52.3	5.0	1.2	41.5	44.2	38.8
	2011	668	44.2	52.3	3.5	0.0	44.2	46.4	42.0
Netherlands	2007	471	28.4	70.1	1.3	0.2	28.4	35.5	21.6
	2011	468	26.3	71.7	1.5	0.4	26.3	28.6	24.0
New Zealand	2007	703	35.2	60.4	3.8	0.6	35.2	40.9	30.5
	2011	807	32.8	64.0	2.0	1.2	32.8	36.3	29.8
Norway	2007	594	31.1	61.7	6.5	0.6	31.1	34.7	26.8
	2011	441	30.3	63.0	5.1	1.6	30.3	35.1	25.3
Russian Federation	2007	632	48.5	44.5	6.5	0.5	48.5	48.3	48.7
	2011	644	51.6	43.8	4.2	0.4	51.6	57.6	46.6
Singapore	2007	728	64.6	34.9	0.4	0.0	64.6	70.1	59.2
	2011	915	70.0	29.9	0.1	0.0	70.0	73.4	66.9
Slovak Republic	2007	706	40.1	46.5	12.3	1.1	40.1	41.8	38.4
	2011	795	46.7	48.3	4.6	0.4	46.7	51.3	41.8
Slovenia	2007	630	39.1	56.9	3.4	0.6	39.1	41.7	36.6
	2011	632	47.4	47.1	5.4	0.1	47.4	55.2	40.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M07_06C (M031079C): Number / Reasoning

Label: Pattern of circles/figure 10 - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	667	41.5	51.0	6.7	0.8	41.5	46.8	37.0
	2011	676	38.0	56.0	5.4	0.6	38.0	45.7	30.9
Tunisia	2007	586	12.6	59.6	21.2	6.6	12.6	13.2	12.0
	2011	702	10.5	71.6	14.1	3.8	10.5	8.9	12.0
United States	2007	1132	44.3	53.1	2.3	0.3	44.3	49.3	39.3
	2011	1816	47.3	50.1	2.4	0.2	47.3	49.0	45.6

International Avg. (25)	2007	15785	39.1	52.1	7.7	1.1	39.1	42.0	36.3
	2011	17616	41.4	52.1	5.7	0.7	41.4	45.3	37.8

Alberta, Canada	2007	573	43.1	55.0	1.9	0.0	43.1	46.2	40.1
	2011	518	42.9	54.5	1.9	0.6	42.9	52.2	35.9
Ontario, Canada	2007	487	48.7	49.7	1.4	0.2	48.7	51.3	46.2
	2011	658	49.6	48.3	1.8	0.3	49.6	56.6	42.9
Quebec, Canada	2007	567	45.1	49.7	4.6	0.5	45.1	50.0	40.2
	2011	596	57.8	38.9	2.7	0.6	57.8	59.3	56.2
Dubai, UAE	2007	454	35.4	51.5	10.6	2.5	35.4	37.0	33.9
	2011	879	40.0	53.3	5.9	0.8	40.0	40.8	39.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M07_07 (M031004): Geometric Shapes and Measures / Applying
Label: Length of string pulled straight - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	584	26.7	6.0	26.7	28.3	36.8	1.4	0.8	28.0	25.3
	2011	871	25.5	7.5	25.5	29.3	35.9	1.6	0.1	24.1	26.8
Austria	2007	694	37.5	4.1	37.5	26.1	30.9	1.3	0.1	33.5	41.6
	2011	667	35.6	3.2	35.6	28.5	31.6	1.1	0.1	35.2	35.9
Chinese Taipei	2007	590	39.9	12.6	39.9	23.4	23.6	0.4	0.0	40.9	39.0
	2011	611	47.5	12.9	47.5	22.0	17.2	0.3	0.0	49.9	45.5
Czech Republic	2007	602	29.5	7.8	29.5	20.8	38.7	2.9	0.4	28.1	30.7
	2011	651	28.5	7.0	28.5	28.7	34.2	1.4	0.2	24.7	32.3
Denmark	2007	496	37.9	6.4	37.9	17.7	33.1	3.7	1.2	34.5	41.4
	2011	557	36.3	5.1	36.3	21.5	32.4	2.6	2.1	37.3	35.3
England	2007	602	26.4	6.8	26.4	26.6	38.7	1.3	0.2	21.6	31.0
	2011	479	19.4	9.0	19.4	28.2	42.4	0.8	0.2	13.6	25.4
Georgia	2007	589	25.7	7.2	25.7	18.8	41.1	4.5	2.7	28.9	22.9
	2011	692	20.3	9.1	20.3	26.5	41.7	1.2	1.2	20.5	20.0
Germany	2007	727	45.3	6.5	45.3	26.0	21.5	0.4	0.4	43.2	47.6
	2011	574	41.8	4.8	41.8	27.3	25.0	1.0	0.0	37.1	46.8
Hong Kong SAR	2007	533	37.8	8.3	37.8	31.6	21.7	0.5	0.0	34.1	41.7
	2011	569	40.5	9.5	40.5	29.6	20.0	0.4	0.0	39.7	41.1
Hungary	2007	573	28.3	3.9	28.3	21.7	43.6	1.5	1.0	27.0	29.6
	2011	743	27.6	5.9	27.6	17.8	47.0	0.6	1.0	24.5	30.4
Iran, Islamic Rep. of	2007	553	15.3	8.7	15.3	25.7	44.7	2.8	2.8	12.7	18.0
	2011	826	18.3	7.7	18.3	22.6	48.1	1.7	1.6	15.0	21.3
Italy	2007	641	26.9	4.4	26.9	21.7	43.5	2.2	1.4	22.5	31.0
	2011	590	28.7	4.5	28.7	22.1	43.1	0.6	1.1	26.1	30.9
Japan	2007	648	50.2	3.7	50.2	25.6	18.9	1.6	0.1	54.2	45.9
	2011	630	51.9	4.0	51.9	23.9	20.0	0.1	0.0	52.8	51.1
Kuwait	2007	536	10.7	12.8	10.7	33.2	34.0	4.6	4.7	11.0	10.3
	2011	585	12.6	11.4	12.6	38.3	30.3	4.8	2.7	10.2	15.5
Lithuania	2007	565	43.8	3.0	43.8	27.2	24.5	0.2	1.2	42.1	45.6
	2011	668	36.1	4.9	36.1	28.7	29.4	0.5	0.4	34.1	38.1
Netherlands	2007	471	43.9	2.5	43.9	30.4	22.5	0.4	0.2	43.1	44.7
	2011	468	43.5	2.8	43.5	27.4	24.8	1.0	0.4	40.1	46.9
New Zealand	2007	703	21.4	8.4	21.4	28.8	39.8	0.9	0.6	19.5	23.0
	2011	807	16.1	8.3	16.1	34.3	38.8	1.3	1.2	14.6	17.3
Norway	2007	594	22.1	7.8	22.1	25.7	42.5	1.0	0.9	18.6	26.4
	2011	441	25.5	4.2	25.5	26.6	40.0	1.9	1.7	23.5	27.6
Russian Federation	2007	632	55.5	1.7	55.5	18.9	22.4	0.3	1.1	50.5	61.1
	2011	644	53.0	2.0	53.0	19.5	25.2	0.0	0.4	50.2	55.3
Singapore	2007	728	41.6	10.5	41.6	23.6	24.3	0.0	0.0	42.6	40.6
	2011	915	44.4	14.9	44.4	21.4	19.0	0.1	0.1	47.1	42.0
Slovak Republic	2007	706	35.4	4.5	35.4	24.5	31.4	3.1	1.1	32.5	38.4
	2011	795	33.0	6.2	33.0	23.4	36.4	0.6	0.4	31.3	34.8
Slovenia	2007	630	39.7	4.9	39.7	29.7	24.2	0.6	0.9	40.3	39.2
	2011	629	37.7	6.2	37.7	29.3	25.8	0.8	0.2	36.2	39.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M07_07 (M031004): Geometric Shapes and Measures / Applying
Label: Length of string pulled straight - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	667	43.1	5.0	43.1	25.4	24.8	0.8	0.8	40.6	45.2
	2011	676	44.2	4.3	44.2	26.8	22.3	1.8	0.7	42.8	45.4
Tunisia	2007	586	16.5	8.8	16.5	25.1	31.0	11.2	7.3	15.9	17.0
	2011	684	20.5	8.7	20.5	24.3	35.0	6.4	5.2	21.6	19.3
United States	2007	1132	20.3	11.0	20.3	33.4	33.5	1.4	0.5	16.7	23.8
	2011	1816	19.9	11.0	19.9	33.8	33.0	1.9	0.3	17.2	22.7

International Avg. (25)	2007	15782	32.9	6.7	32.9	25.6	31.7	2.0	1.2	31.3	34.4
	2011	17588	32.3	7.0	32.3	26.5	32.0	1.4	0.9	30.8	33.9

Alberta, Canada	2007	573	17.9	6.9	17.9	29.5	44.1	1.6	0.0	17.4	18.4
	2011	518	17.3	6.3	17.3	30.5	44.2	1.1	0.6	15.0	19.0
Ontario, Canada	2007	487	20.3	11.5	20.3	28.9	38.3	0.4	0.7	20.2	20.3
	2011	658	20.5	11.8	20.5	31.2	35.6	0.4	0.4	19.5	21.5
Quebec, Canada	2007	567	24.8	8.0	24.8	24.4	39.5	2.9	0.5	24.4	25.2
	2011	596	24.0	6.9	24.0	25.6	41.2	1.2	1.1	22.0	26.0
Dubai, UAE	2007	454	14.5	12.8	14.5	33.6	34.5	2.2	2.5	15.3	13.7
	2011	879	17.9	9.2	17.9	34.3	35.0	2.4	1.2	15.2	20.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M07_08 (M031043): Number / Applying

Label: A train from Redville to Bedford - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	584	52.7	6.7	6.6	52.7	31.3	1.6	1.0	44.6	62.4
	2011	871	50.8	5.5	6.5	50.8	34.4	2.7	0.1	45.3	55.8
Austria	2007	694	51.9	6.2	5.6	51.9	34.0	2.3	0.1	40.4	64.0
	2011	667	51.7	5.0	6.1	51.7	34.4	2.5	0.3	48.6	54.3
Chinese Taipei	2007	590	80.0	1.4	5.1	80.0	13.4	0.2	0.0	76.4	83.1
	2011	611	85.3	0.7	3.7	85.3	9.9	0.5	0.0	85.7	84.9
Czech Republic	2007	602	58.3	5.9	6.0	58.3	27.3	1.9	0.6	56.5	60.0
	2011	651	69.2	4.8	4.4	69.2	19.8	1.6	0.2	63.4	74.9
Denmark	2007	496	57.3	2.9	6.9	57.3	26.6	5.1	1.2	53.0	61.8
	2011	557	60.0	3.9	4.2	60.0	26.2	3.1	2.6	57.2	62.8
England	2007	602	62.8	5.6	5.7	62.8	23.6	2.0	0.4	61.2	64.3
	2011	479	62.7	4.4	6.0	62.7	24.7	1.7	0.4	59.6	66.1
Georgia	2007	589	35.1	15.1	10.3	35.1	26.6	10.2	2.7	34.3	35.7
	2011	692	36.9	14.0	8.8	36.9	34.3	4.8	1.2	33.6	39.9
Germany	2007	727	65.1	3.4	3.8	65.1	25.6	1.7	0.4	59.6	71.0
	2011	574	65.4	2.8	5.7	65.4	24.2	1.9	0.0	62.4	68.6
Hong Kong SAR	2007	533	75.5	2.4	7.6	75.5	14.3	0.2	0.0	75.8	75.1
	2011	569	75.9	3.1	7.3	75.9	13.0	0.8	0.0	73.9	77.3
Hungary	2007	573	56.1	9.4	7.6	56.1	23.7	2.0	1.1	50.9	60.9
	2011	743	57.1	7.2	9.0	57.1	23.9	1.8	1.1	51.7	61.9
Iran, Islamic Rep. of	2007	553	26.8	15.8	5.7	26.8	44.2	3.7	3.8	21.2	32.6
	2011	826	32.8	13.2	7.3	32.8	41.2	3.6	1.9	23.4	41.4
Italy	2007	640	41.5	5.0	3.9	41.5	46.4	1.9	1.4	33.5	48.9
	2011	590	44.8	4.9	4.5	44.8	44.2	0.4	1.1	35.0	53.4
Japan	2007	648	66.5	5.1	7.3	66.5	19.8	1.3	0.1	59.4	73.9
	2011	630	69.4	5.8	7.0	69.4	17.7	0.1	0.0	66.0	72.5
Kuwait	2007	536	19.8	13.3	16.9	19.8	37.7	7.4	4.9	18.0	21.9
	2011	585	22.8	15.5	13.0	22.8	38.2	7.8	2.7	19.4	26.9
Lithuania	2007	565	70.0	3.3	7.9	70.0	16.9	0.7	1.2	64.3	75.8
	2011	668	67.4	2.8	6.4	67.4	22.3	0.5	0.5	66.5	68.3
Netherlands	2007	471	71.1	4.0	6.3	71.1	16.8	1.5	0.2	64.4	77.6
	2011	468	73.1	2.0	7.0	73.1	15.9	1.7	0.4	72.2	74.1
New Zealand	2007	703	51.7	6.0	8.8	51.7	30.8	2.1	0.6	48.4	54.4
	2011	807	48.8	7.5	5.7	48.8	33.8	2.9	1.4	46.8	50.4
Norway	2007	594	44.8	7.4	10.1	44.8	34.0	2.5	1.3	39.7	51.0
	2011	441	54.9	6.8	5.0	54.9	28.2	3.5	1.7	51.5	58.4
Russian Federation	2007	632	60.3	3.3	6.2	60.3	27.4	1.6	1.2	55.0	66.2
	2011	644	65.3	2.8	7.6	65.3	22.6	1.3	0.4	60.4	69.5
Singapore	2007	728	74.0	3.7	7.3	74.0	14.3	0.7	0.0	74.1	73.9
	2011	915	82.2	3.7	4.5	82.2	8.1	1.3	0.1	82.7	81.8
Slovak Republic	2007	706	53.6	6.7	6.7	53.6	27.9	3.5	1.5	52.4	54.8
	2011	795	57.8	4.7	6.2	57.8	28.8	1.9	0.5	56.6	59.2
Slovenia	2007	630	44.2	9.4	6.3	44.2	37.4	1.5	1.2	37.8	50.2
	2011	632	54.2	5.6	6.9	54.2	29.4	3.6	0.3	49.1	58.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M07_08 (M031043): Number / Applying

Label: A train from Redville to Bedford - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	667	60.0	4.1	8.7	60.0	23.6	2.5	1.0	59.3	60.5
	2011	676	61.9	4.8	7.0	61.9	23.5	2.2	0.7	61.4	62.2
Tunisia	2007	586	26.2	9.7	14.6	26.2	30.8	10.0	8.7	22.0	30.0
	2011	685	32.9	12.4	14.0	32.9	27.4	6.5	6.7	29.0	36.8
United States	2007	1132	58.2	4.4	5.6	58.2	28.8	2.5	0.5	55.0	61.3
	2011	1816	56.6	5.8	5.9	56.6	28.3	3.1	0.3	52.3	61.1

International Avg. (25)	2007	15781	54.5	6.4	7.5	54.5	27.3	2.8	1.4	50.3	58.9
	2011	17592	57.6	6.0	6.8	57.6	26.2	2.5	1.0	54.1	60.8

Alberta, Canada	2007	573	47.2	6.3	5.8	47.2	38.4	2.3	0.0	38.7	55.4
	2011	518	51.0	4.2	4.5	51.0	37.9	1.8	0.6	46.9	54.0
Ontario, Canada	2007	487	54.5	4.0	5.9	54.5	33.3	1.6	0.7	45.1	63.8
	2011	658	52.8	5.0	5.1	52.8	35.6	1.1	0.4	47.2	58.0
Quebec, Canada	2007	567	42.5	10.4	6.4	42.5	36.2	3.4	1.0	35.0	50.0
	2011	596	53.8	4.2	7.4	53.8	31.7	1.8	1.2	46.9	60.9
Dubai, UAE	2007	454	31.2	10.2	7.8	31.2	44.6	3.6	2.5	31.0	31.4
	2011	879	42.3	8.6	5.9	42.3	39.0	2.5	1.7	35.4	48.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M07_09 (M031325): Geometric Shapes and Measures / Applying
Label: Angle between 90 and 180 degrees - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	584	34.5	19.2	9.8	21.5	13.7	1.3	34.5	31.9	37.6
	2011	871	42.6	19.0	8.1	24.5	5.7	0.1	42.6	40.2	44.9
Austria	2007	694	11.6	8.4	3.8	28.0	48.0	0.2	11.6	11.4	11.8
	2011	667	11.8	8.7	4.1	33.2	41.9	0.3	11.8	10.4	13.0
Chinese Taipei	2007	590	68.3	8.9	0.5	16.0	6.3	0.0	68.3	71.3	65.7
	2011	611	73.9	7.0	0.8	15.7	2.6	0.0	73.9	75.5	72.6
Czech Republic	2007	602	5.1	5.1	4.2	28.3	56.7	0.6	5.1	4.1	6.0
	2011	651	11.1	4.3	5.4	38.0	40.7	0.4	11.1	10.3	12.0
Denmark	2007	495	35.4	6.4	3.0	27.9	26.0	1.2	35.4	31.6	39.3
	2011	557	42.0	6.0	0.4	33.8	14.8	3.0	42.0	38.8	45.2
England	2007	602	51.8	14.1	2.4	20.2	11.1	0.4	51.8	51.9	51.7
	2011	479	49.8	15.4	2.9	24.5	6.5	0.9	49.8	46.7	53.0
Georgia	2007	591	21.5	2.7	3.8	15.8	52.9	3.2	21.5	19.1	23.5
	2011	692	17.6	4.8	4.3	28.3	43.6	1.4	17.6	16.8	18.2
Germany	2007	727	12.1	9.9	5.0	32.0	40.5	0.5	12.1	9.5	14.8
	2011	574	12.6	9.4	5.3	40.1	32.5	0.1	12.6	9.9	15.5
Hong Kong SAR	2007	533	64.8	18.3	0.4	14.1	2.3	0.0	64.8	62.0	67.6
	2011	569	62.4	19.6	0.5	13.9	3.5	0.0	62.4	58.1	65.7
Hungary	2007	573	20.5	3.2	3.1	48.9	23.0	1.3	20.5	21.5	19.6
	2011	743	22.3	6.5	1.6	50.6	17.6	1.3	22.3	21.5	22.9
Iran, Islamic Rep. of	2007	554	22.3	11.4	4.6	24.6	32.6	4.4	22.3	20.4	24.3
	2011	826	28.8	13.7	3.0	24.7	27.2	2.5	28.8	27.1	30.4
Italy	2007	642	55.6	10.2	0.6	17.4	14.8	1.5	55.6	52.2	58.6
	2011	590	56.3	9.3	2.9	21.0	9.3	1.1	56.3	57.0	55.7
Japan	2007	648	72.4	9.7	1.6	11.9	4.2	0.2	72.4	71.0	73.9
	2011	630	71.6	8.1	1.3	14.1	4.9	0.0	71.6	71.3	71.8
Kuwait	2007	536	3.6	9.3	1.2	36.9	43.8	5.2	3.6	5.7	1.3
	2011	592	4.6	5.5	0.7	49.1	36.2	3.9	4.6	5.2	4.0
Lithuania	2007	565	10.4	10.7	8.0	26.4	43.2	1.2	10.4	11.3	9.5
	2011	668	21.5	10.8	7.3	30.6	28.9	0.9	21.5	22.6	20.3
Netherlands	2007	471	11.5	11.4	2.5	59.1	15.2	0.2	11.5	10.1	13.0
	2011	468	7.8	11.9	3.0	65.3	11.6	0.4	7.8	6.6	9.0
New Zealand	2007	703	11.6	9.4	23.8	32.8	21.6	0.8	11.6	10.8	12.2
	2011	807	17.3	11.0	23.5	35.8	10.9	1.4	17.3	16.2	18.2
Norway	2007	594	8.5	5.5	5.5	52.0	27.1	1.4	8.5	6.7	10.8
	2011	441	21.6	8.7	5.9	42.7	19.0	2.0	21.6	15.2	28.4
Russian Federation	2007	632	46.7	14.4	3.0	16.9	17.7	1.4	46.7	49.7	43.3
	2011	644	38.5	16.0	7.2	22.0	15.4	0.9	38.5	39.2	37.9
Singapore	2007	728	80.0	8.9	0.4	9.3	1.4	0.0	80.0	83.4	76.5
	2011	915	79.5	7.2	0.4	11.3	1.5	0.1	79.5	79.1	79.9
Slovak Republic	2007	706	15.1	3.0	8.6	24.7	47.0	1.7	15.1	16.6	13.7
	2011	795	20.1	3.0	3.3	40.1	33.0	0.5	20.1	22.8	17.3
Slovenia	2007	630	21.5	19.9	4.2	28.6	24.4	1.4	21.5	21.3	21.6
	2011	632	8.1	8.7	4.0	48.3	30.3	0.6	8.1	9.3	6.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M07_09 (M031325): Geometric Shapes and Measures / Applying
Label: Angle between 90 and 180 degrees - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	667	18.6	10.5	15.1	22.9	31.5	1.5	18.6	20.4	17.1
	2011	676	16.8	13.0	16.8	27.2	25.4	0.8	16.8	15.2	18.2
Tunisia	2007	586	5.4	3.9	2.1	44.5	34.1	10.1	5.4	5.2	5.5
	2011	702	7.7	6.6	2.6	54.7	20.4	8.1	7.7	8.8	6.5
United States	2007	1132	47.0	20.6	4.0	22.3	5.6	0.6	47.0	46.4	47.5
	2011	1816	53.4	20.2	3.1	19.6	3.4	0.4	53.4	50.2	56.7

International Avg. (25)	2007	15785	30.2	10.2	4.9	27.3	25.8	1.6	30.2	29.8	30.7
	2011	17616	32.0	10.2	4.8	32.4	19.5	1.2	32.0	31.0	33.0

Alberta, Canada	2007	573	19.6	13.2	23.9	30.2	12.9	0.2	19.6	18.8	20.4
	2011	518	11.1	6.8	33.5	38.4	9.4	0.8	11.1	10.5	11.6
Ontario, Canada	2007	487	47.4	13.6	8.2	21.9	8.2	0.7	47.4	44.6	50.2
	2011	658	43.8	16.9	8.1	24.6	6.0	0.5	43.8	43.0	44.5
Quebec, Canada	2007	567	26.9	11.5	6.5	30.4	23.8	1.0	26.9	25.5	28.3
	2011	596	31.7	15.1	4.1	33.6	14.0	1.5	31.7	22.2	41.5
Dubai, UAE	2007	454	23.0	8.8	3.6	32.9	29.1	2.5	23.0	20.3	25.4
	2011	879	23.9	8.1	5.4	37.9	23.0	1.7	23.9	23.5	24.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M07_10 (M031088): Geometric Shapes and Measures / Applying
Label: Jamie is playing a board game - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	584	80.9	6.6	2.2	80.9	6.7	2.0	1.5	79.3	82.7
	2011	871	80.0	7.1	4.8	80.0	6.6	1.2	0.3	77.0	82.6
Austria	2007	694	72.8	8.9	5.4	72.8	7.2	5.1	0.6	73.4	72.1
	2011	667	75.5	8.4	6.3	75.5	6.4	3.0	0.3	77.2	74.1
Chinese Taipei	2007	590	86.2	2.6	3.1	86.2	8.2	0.0	0.0	91.0	81.9
	2011	611	90.0	1.6	2.5	90.0	5.3	0.2	0.3	92.6	87.8
Czech Republic	2007	602	78.3	9.3	2.4	78.3	5.6	3.5	1.0	77.0	79.4
	2011	651	79.4	6.1	4.3	79.4	7.1	2.5	0.7	78.5	80.2
Denmark	2007	494	74.3	5.1	6.3	74.3	7.3	5.3	1.8	71.2	77.4
	2011	557	77.9	4.6	3.2	77.9	6.4	3.9	4.0	75.3	80.4
England	2007	602	83.3	5.1	2.9	83.3	5.5	2.5	0.8	82.3	84.2
	2011	479	81.1	6.6	2.7	81.1	7.2	1.6	0.9	79.2	83.0
Georgia	2007	591	42.7	10.2	12.9	42.7	15.4	13.9	4.9	41.0	44.3
	2011	692	50.9	13.4	14.7	50.9	11.0	7.1	2.8	51.6	50.3
Germany	2007	727	78.3	6.9	4.0	78.3	6.3	3.6	0.9	77.9	78.6
	2011	574	82.0	6.7	4.0	82.0	4.6	2.2	0.5	81.1	83.0
Hong Kong SAR	2007	533	82.9	2.5	2.7	82.9	11.7	0.2	0.0	80.9	85.0
	2011	569	81.0	3.9	2.6	81.0	12.2	0.3	0.0	86.2	76.9
Hungary	2007	573	74.9	5.7	7.1	74.9	8.5	2.6	1.3	71.0	78.5
	2011	743	76.0	7.1	7.1	76.0	7.6	0.6	1.7	76.2	75.8
Iran, Islamic Rep. of	2007	554	47.9	10.2	10.9	47.9	17.5	6.6	6.8	46.9	49.0
	2011	826	46.1	14.0	13.4	46.1	18.4	4.8	3.3	43.5	48.4
Italy	2007	642	73.1	9.4	4.7	73.1	8.1	2.7	2.0	70.0	76.0
	2011	590	75.5	6.7	4.0	75.5	11.1	1.3	1.4	76.3	74.8
Japan	2007	648	84.1	3.0	3.8	84.1	8.0	0.8	0.3	85.9	82.2
	2011	630	86.5	5.0	3.3	86.5	4.2	0.9	0.1	86.6	86.3
Kuwait	2007	536	32.3	13.6	23.5	32.3	15.2	8.3	7.2	30.8	33.9
	2011	583	36.0	16.4	23.4	36.0	11.8	8.4	3.9	39.4	31.8
Lithuania	2007	565	74.7	8.8	4.1	74.7	7.8	2.9	1.6	73.9	75.6
	2011	668	76.4	9.5	4.8	76.4	4.9	3.4	1.0	75.2	77.6
Netherlands	2007	471	84.0	5.3	2.9	84.0	7.4	0.0	0.3	81.4	86.5
	2011	468	84.6	5.7	2.7	84.6	6.4	0.2	0.4	84.1	85.2
New Zealand	2007	703	75.9	7.9	4.1	75.9	8.4	2.6	1.0	76.8	75.2
	2011	807	72.9	8.6	5.4	72.9	9.3	2.0	1.9	73.7	72.3
Norway	2007	594	74.8	8.4	3.9	74.8	7.2	3.4	2.2	77.3	71.9
	2011	441	74.4	9.1	2.3	74.4	9.8	2.0	2.4	74.6	74.1
Russian Federation	2007	632	72.3	7.9	7.5	72.3	7.8	1.7	2.9	71.8	72.8
	2011	644	77.9	5.1	5.2	77.9	8.5	1.7	1.6	75.7	79.7
Singapore	2007	728	79.0	6.0	5.8	79.0	8.9	0.3	0.0	81.9	76.1
	2011	915	84.6	5.1	3.9	84.6	6.1	0.2	0.1	84.8	84.4
Slovak Republic	2007	706	65.9	7.6	6.8	65.9	9.9	6.9	2.9	66.2	65.5
	2011	795	73.4	9.1	5.6	73.4	9.1	2.1	0.7	74.0	72.7
Slovenia	2007	630	77.4	6.9	4.8	77.4	6.7	2.2	2.0	75.8	78.9
	2011	632	83.0	6.4	3.5	83.0	4.4	2.2	0.6	84.0	82.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M07_10 (M031088): Geometric Shapes and Measures / Applying
Label: Jamie is playing a board game - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	667	75.8	7.3	5.4	75.8	8.0	2.0	1.5	72.7	78.4
	2011	676	77.3	7.2	4.5	77.3	6.9	2.8	1.3	73.4	80.9
Tunisia	2007	586	32.3	10.4	20.3	32.3	7.1	17.6	12.3	36.0	29.0
	2011	682	34.8	12.4	18.3	34.8	13.2	12.4	8.8	28.5	41.0
United States	2007	1132	77.2	6.0	6.1	77.2	8.7	1.2	0.8	77.8	76.6
	2011	1816	79.7	6.7	4.3	79.7	7.9	0.9	0.4	78.1	81.4
International Avg. (25)	2007	15784	71.2	7.3	6.5	71.2	8.8	3.9	2.3	70.8	71.7
	2011	17587	73.5	7.7	6.3	73.5	8.3	2.7	1.6	73.1	73.9
Alberta, Canada	2007	573	75.7	9.2	4.6	75.7	8.9	1.3	0.2	77.7	73.8
	2011	518	79.1	4.9	4.0	79.1	10.5	0.5	1.0	78.8	79.4
Ontario, Canada	2007	487	75.3	7.1	5.8	75.3	8.6	1.9	1.2	73.7	77.0
	2011	658	79.0	5.5	4.4	79.0	8.2	1.8	1.1	79.7	78.4
Quebec, Canada	2007	567	74.9	6.5	5.0	74.9	8.6	3.4	1.7	74.4	75.3
	2011	596	80.0	6.1	2.2	80.0	7.5	2.6	1.5	80.8	79.1
Dubai, UAE	2007	454	54.6	13.3	10.4	54.6	12.4	6.8	2.6	52.9	56.0
	2011	879	63.4	10.0	11.3	63.4	10.1	3.4	1.9	58.9	67.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M07_11 (M031093): Geometric Shapes and Measures / Knowing
Label: Which dotted line is of symmetry - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	582	68.5	2.1	14.3	4.6	68.5	8.9	1.6	71.0	65.5
	2011	871	76.5	2.8	12.9	2.3	76.5	5.2	0.3	72.3	80.3
Austria	2007	694	38.0	4.1	29.2	9.4	38.0	18.6	0.6	35.6	40.6
	2011	667	49.2	1.4	24.1	5.2	49.2	19.7	0.3	53.2	45.8
Chinese Taipei	2007	590	41.5	0.6	48.4	1.0	41.5	8.5	0.0	42.5	40.6
	2011	611	42.8	1.1	47.8	2.1	42.8	5.9	0.3	39.2	45.8
Czech Republic	2007	602	47.7	1.7	34.9	3.0	47.7	11.5	1.2	41.1	53.8
	2011	651	62.5	2.0	26.0	1.5	62.5	7.2	0.7	64.4	60.7
Denmark	2007	472	60.2	3.4	18.5	6.9	60.2	8.4	2.7	55.8	64.8
	2011	557	65.1	1.8	14.3	4.6	65.1	9.4	4.9	69.5	60.6
England	2007	602	71.1	1.1	15.6	1.7	71.1	9.6	0.9	73.4	68.9
	2011	479	70.9	0.9	16.6	1.6	70.9	8.6	1.5	73.2	68.5
Georgia	2007	591	43.4	6.3	22.9	10.0	43.4	12.3	5.1	39.8	46.5
	2011	692	44.5	4.5	27.7	9.2	44.5	11.0	3.1	48.9	40.5
Germany	2007	727	63.8	1.6	14.3	2.4	63.8	16.8	1.2	64.7	62.8
	2011	574	63.7	1.8	13.7	1.9	63.7	18.4	0.5	63.3	64.2
Hong Kong SAR	2007	533	79.4	1.9	11.0	0.6	79.4	6.8	0.2	79.5	79.3
	2011	569	80.5	2.3	11.9	1.2	80.5	4.1	0.0	76.0	84.1
Hungary	2007	573	57.8	2.3	15.9	7.0	57.8	15.6	1.4	63.1	52.8
	2011	738	61.3	3.4	16.2	5.5	61.3	12.0	1.7	63.0	59.7
Iran, Islamic Rep. of	2007	554	56.0	2.7	22.4	3.9	56.0	6.7	8.3	59.3	52.5
	2011	826	63.5	1.6	21.8	3.6	63.5	5.8	3.8	66.0	61.2
Italy	2007	595	63.9	1.7	25.4	2.5	63.9	3.9	2.5	64.8	63.1
	2011	590	62.6	2.3	24.9	2.3	62.6	6.5	1.4	64.7	60.7
Japan	2007	648	34.5	5.0	42.8	10.5	34.5	6.9	0.3	30.9	38.4
	2011	630	29.6	5.1	49.0	9.4	29.6	6.6	0.3	27.7	31.3
Kuwait	2007	536	34.1	8.3	25.0	13.0	34.1	12.1	7.5	34.4	33.9
	2011	581	58.2	5.6	16.6	7.6	58.2	7.6	4.4	60.4	55.5
Lithuania	2007	565	54.0	2.6	22.0	4.1	54.0	15.6	1.6	60.1	47.9
	2011	668	60.6	2.1	18.8	5.9	60.6	11.3	1.3	63.7	57.5
Netherlands	2007	471	29.8	8.8	27.4	26.2	29.8	7.5	0.3	30.1	29.5
	2011	468	29.9	11.5	21.1	25.8	29.9	11.1	0.6	30.6	29.1
New Zealand	2007	703	60.2	2.1	20.8	7.6	60.2	8.0	1.2	61.6	59.1
	2011	807	52.8	5.4	26.2	8.8	52.8	4.8	2.0	55.4	50.5
Norway	2007	594	38.4	5.2	31.2	12.2	38.4	10.3	2.8	42.2	33.7
	2011	441	52.4	3.2	19.3	6.9	52.4	15.4	2.8	56.8	47.8
Russian Federation	2007	632	53.4	3.4	28.1	6.7	53.4	5.5	2.9	51.2	55.9
	2011	644	58.3	3.8	26.4	5.2	58.3	4.6	1.8	53.6	62.2
Singapore	2007	728	89.9	0.1	8.2	0.8	89.9	0.9	0.0	90.5	89.3
	2011	915	91.1	0.5	7.4	0.6	91.1	0.2	0.1	90.0	92.2
Slovak Republic	2007	706	29.3	9.4	31.8	13.5	29.3	12.6	3.4	27.8	30.8
	2011	795	39.5	10.3	28.6	14.9	39.5	5.8	0.8	36.9	42.3
Slovenia	2007	630	43.8	6.7	9.6	25.6	43.8	12.3	2.0	43.1	44.6
	2011	600	49.4	7.1	11.5	21.5	49.4	10.1	0.5	47.6	50.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M07_11 (M031093): Geometric Shapes and Measures / Knowing
Label: Which dotted line is of symmetry - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	667	25.3	10.4	34.9	16.2	25.3	11.4	1.8	25.3	25.4
	2011	676	32.3	8.3	34.9	15.4	32.3	7.8	1.4	30.9	33.5
Tunisia	2007	586	16.4	5.7	25.7	10.3	16.4	26.0	16.0	18.5	14.6
	2011	642	21.7	8.9	26.0	10.3	21.7	22.7	10.4	23.7	19.7
United States	2007	1132	83.0	0.8	11.8	1.5	83.0	1.9	1.1	85.8	80.1
	2011	1816	79.7	0.8	13.8	2.2	79.7	2.8	0.6	79.8	79.7
International Avg. (25)	2007	15713	51.3	3.9	23.7	8.0	51.3	10.3	2.7	51.7	51.0
	2011	17508	55.9	3.9	22.3	7.0	55.9	9.0	1.8	56.4	55.4
Alberta, Canada	2007	573	63.9	1.6	21.9	6.6	63.9	5.5	0.5	66.9	60.9
	2011	518	62.2	2.3	23.8	7.4	62.2	3.4	1.0	63.1	61.5
Ontario, Canada	2007	487	76.0	0.6	12.9	2.4	76.0	6.9	1.2	74.2	77.7
	2011	658	75.9	0.5	10.6	3.4	75.9	7.4	2.2	80.2	71.8
Quebec, Canada	2007	567	52.2	2.7	23.4	6.0	52.2	13.8	1.9	57.2	47.3
	2011	596	61.6	2.8	20.6	5.0	61.6	8.0	1.9	62.8	60.4
Dubai, UAE	2007	454	43.7	8.0	26.3	6.8	43.7	12.6	2.6	42.2	45.0
	2011	879	52.2	3.9	23.6	6.1	52.2	12.2	2.0	59.4	45.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M07_12 (M031155): Data Display / Applying
Label: Teacher's pens on the graph - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	584	53.6	3.9	34.4	5.3	53.6	1.2	1.6	47.2	61.1
	2011	871	57.0	2.1	34.0	5.6	57.0	0.8	0.5	50.0	63.5
Austria	2007	694	48.5	5.5	39.1	3.0	48.5	2.4	1.5	40.5	57.0
	2011	667	52.1	4.1	37.8	4.4	52.1	0.9	0.7	45.3	57.8
Chinese Taipei	2007	590	79.8	1.6	14.2	4.1	79.8	0.0	0.4	77.7	81.7
	2011	611	85.4	1.6	7.7	4.6	85.4	0.3	0.5	83.2	87.3
Czech Republic	2007	602	43.6	5.3	44.1	3.3	43.6	2.4	1.2	37.8	48.9
	2011	651	55.5	3.9	34.6	3.1	55.5	1.7	1.2	50.6	60.4
Denmark	2007	496	59.3	3.6	25.5	6.3	59.3	1.0	4.3	55.2	63.6
	2011	557	59.0	3.9	25.0	4.2	59.0	2.0	5.9	54.3	63.8
England	2007	602	69.1	1.6	19.1	8.1	69.1	1.0	1.0	67.3	70.9
	2011	479	67.9	1.7	18.8	9.8	67.9	0.3	1.5	67.7	68.1
Georgia	2007	591	35.8	8.2	32.0	8.6	35.8	7.4	8.0	35.3	36.2
	2011	692	39.7	8.5	40.1	7.2	39.7	1.3	3.2	43.4	36.3
Germany	2007	727	59.2	2.8	29.8	4.4	59.2	1.8	2.0	57.9	60.7
	2011	574	69.0	3.0	21.9	4.1	69.0	1.3	0.7	64.6	73.6
Hong Kong SAR	2007	533	84.0	2.1	8.4	5.1	84.0	0.1	0.2	84.9	83.1
	2011	569	83.3	2.3	8.3	6.0	83.3	0.2	0.0	80.2	85.8
Hungary	2007	573	55.7	4.0	32.7	4.1	55.7	1.8	1.8	54.5	56.9
	2011	743	61.0	5.4	26.3	3.8	61.0	1.0	2.5	56.5	65.1
Iran, Islamic Rep. of	2007	554	31.4	7.5	43.2	5.8	31.4	2.9	9.2	28.5	34.4
	2011	826	36.5	7.8	39.0	9.7	36.5	2.2	4.8	39.6	33.7
Italy	2007	641	40.0	4.7	48.3	3.3	40.0	1.3	2.4	34.5	45.1
	2011	590	49.4	3.5	40.6	3.7	49.4	1.3	1.7	46.2	52.2
Japan	2007	648	72.0	2.2	20.6	4.6	72.0	0.2	0.5	67.6	76.5
	2011	630	69.2	2.1	21.5	6.6	69.2	0.2	0.4	62.0	75.7
Kuwait	2007	536	23.0	12.6	37.1	14.1	23.0	4.8	8.4	21.5	24.7
	2011	581	30.5	10.3	33.4	16.9	30.5	4.3	4.6	30.8	30.2
Lithuania	2007	565	59.5	7.6	24.8	5.1	59.5	0.7	2.3	53.9	65.1
	2011	668	57.0	7.5	28.3	5.2	57.0	0.6	1.3	51.9	62.1
Netherlands	2007	471	74.6	3.0	16.6	5.1	74.6	0.4	0.3	72.9	76.2
	2011	468	77.6	2.7	11.1	7.4	77.6	0.6	0.6	72.7	82.6
New Zealand	2007	703	55.6	4.5	32.8	5.1	55.6	0.9	1.2	48.5	61.4
	2011	807	50.9	4.1	33.5	8.2	50.9	1.2	2.1	47.4	53.9
Norway	2007	594	44.0	2.8	42.6	4.3	44.0	2.8	3.5	36.6	53.0
	2011	441	52.6	3.7	33.9	5.5	52.6	0.7	3.7	49.2	56.2
Russian Federation	2007	632	61.3	8.0	23.6	2.4	61.3	1.8	2.9	61.8	60.9
	2011	644	60.3	7.3	27.6	2.6	60.3	0.5	1.8	59.0	61.4
Singapore	2007	728	85.6	3.5	6.6	4.1	85.6	0.1	0.0	86.1	85.2
	2011	915	86.9	2.0	5.6	5.2	86.9	0.2	0.1	87.2	86.6
Slovak Republic	2007	706	47.3	4.3	38.2	3.6	47.3	2.0	4.6	44.2	50.4
	2011	795	45.4	4.1	44.2	4.5	45.4	0.5	1.3	41.8	49.3
Slovenia	2007	630	54.3	4.9	32.1	5.3	54.3	1.1	2.3	48.1	60.3
	2011	632	55.1	2.5	34.7	5.2	55.1	1.3	1.2	51.3	58.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M07_12 (M031155): Data Display / Applying
Label: Teacher's pens on the graph - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	667	61.5	2.8	27.1	5.1	61.5	1.2	2.4	53.8	68.1
	2011	676	65.4	4.0	22.6	6.1	65.4	0.6	1.4	63.0	67.6
Tunisia	2007	586	16.2	8.2	37.0	12.9	16.2	8.5	17.2	15.5	16.7
	2011	683	18.5	13.0	35.2	14.4	18.5	7.0	11.9	20.6	16.5
United States	2007	1132	71.7	2.1	16.9	7.1	71.7	1.0	1.3	68.7	74.7
	2011	1816	72.7	3.5	15.9	5.7	72.7	1.5	0.6	69.2	76.3
International Avg. (25)	2007	15785	55.5	4.7	29.1	5.6	55.5	2.0	3.2	52.0	58.9
	2011	17586	58.3	4.6	27.3	6.4	58.3	1.3	2.2	55.5	61.0
Alberta, Canada	2007	573	66.4	2.5	24.8	4.5	66.4	1.1	0.7	55.3	76.9
	2011	518	62.1	2.5	24.1	9.1	62.1	1.0	1.2	58.4	64.8
Ontario, Canada	2007	487	62.9	1.0	25.3	7.0	62.9	2.0	1.8	55.4	70.2
	2011	658	66.8	3.4	21.0	5.4	66.8	1.0	2.4	60.9	72.3
Quebec, Canada	2007	567	58.2	5.5	28.0	3.2	58.2	2.8	2.4	52.2	64.2
	2011	596	61.7	2.6	27.5	3.9	61.7	2.3	2.0	54.2	69.5
Dubai, UAE	2007	454	44.1	8.3	33.9	7.4	44.1	2.7	3.5	35.1	52.0
	2011	879	51.1	9.1	28.2	7.9	51.1	1.4	2.3	50.0	52.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_01 (M041291): Number / Knowing
Label: Subtract 428 - 176 - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	579	47.1	21.0	28.8	3.1	0.0	47.1	48.4	45.8
	2011	876	45.4	20.6	31.2	2.6	0.3	45.4	48.3	42.7
Austria	2007	689	77.6	7.0	13.6	1.8	0.0	77.6	77.9	77.3
	2011	672	77.9	6.6	14.3	1.2	0.0	77.9	79.6	76.2
Chinese Taipei	2007	590	94.0	1.8	4.2	0.0	0.0	94.0	94.8	93.2
	2011	614	92.7	1.0	6.0	0.3	0.0	92.7	91.8	93.4
Czech Republic	2007	611	62.6	12.4	23.3	1.7	0.0	62.6	62.1	62.9
	2011	648	67.0	14.0	17.0	1.8	0.1	67.0	64.1	69.7
Denmark	2007	504	63.0	14.6	19.2	2.4	0.7	63.0	65.4	60.5
	2011	580	64.0	18.7	15.0	2.0	0.2	64.0	67.2	60.6
England	2007	622	58.1	15.5	23.7	2.7	0.0	58.1	56.5	59.7
	2011	483	60.5	13.5	24.3	1.5	0.2	60.5	67.9	54.1
Georgia	2007	571	75.3	9.3	11.1	3.4	0.9	75.3	74.9	75.7
	2011	689	74.4	7.0	15.2	3.2	0.2	74.4	74.7	74.2
Germany	2007	746	68.2	10.4	17.8	3.3	0.2	68.2	67.1	69.2
	2011	567	63.7	13.1	17.6	5.4	0.2	63.7	65.3	62.2
Hong Kong SAR	2007	544	89.1	2.5	8.3	0.1	0.0	89.1	89.1	89.1
	2011	561	90.6	4.0	5.3	0.1	0.0	90.6	88.2	92.7
Hungary	2007	574	70.1	9.7	17.0	2.8	0.4	70.1	72.0	68.1
	2011	742	75.4	9.6	13.5	1.3	0.1	75.4	77.1	73.9
Iran, Islamic Rep. of	2007	541	68.1	5.9	19.5	6.1	0.3	68.1	71.9	64.6
	2011	824	66.6	6.1	19.4	7.8	0.1	66.6	68.7	64.5
Italy	2007	635	75.9	8.5	13.0	2.6	0.0	75.9	74.8	76.8
	2011	598	78.7	8.1	11.9	1.2	0.2	78.7	78.7	78.7
Japan	2007	633	85.2	4.7	9.9	0.3	0.0	85.2	84.7	85.6
	2011	634	89.6	2.4	8.0	0.0	0.0	89.6	91.0	88.1
Kuwait	2007	534	39.4	7.7	38.3	14.4	0.2	39.4	41.4	37.4
	2011	584	30.7	10.7	49.0	8.8	0.9	30.7	38.8	21.0
Lithuania	2007	561	79.2	8.1	11.8	0.9	0.0	79.2	81.5	77.1
	2011	692	73.9	9.9	15.1	1.0	0.0	73.9	76.1	72.0
Netherlands	2007	483	63.7	11.5	23.4	1.4	0.0	63.7	65.1	62.4
	2011	467	66.3	8.7	24.3	0.7	0.0	66.3	62.2	70.2
New Zealand	2007	714	31.5	21.9	41.5	4.4	0.7	31.5	27.5	35.3
	2011	805	23.6	21.7	51.7	2.8	0.2	23.6	18.2	28.6
Norway	2007	569	48.0	20.5	27.5	4.0	0.1	48.0	48.3	47.6
	2011	442	46.1	22.5	28.9	2.2	0.3	46.1	47.0	44.9
Russian Federation	2007	638	87.6	4.2	8.0	0.1	0.0	87.6	87.4	87.8
	2011	644	86.6	4.4	8.3	0.7	0.0	86.6	90.3	83.0
Singapore	2007	723	92.8	1.2	5.8	0.3	0.0	92.8	93.3	92.3
	2011	907	93.4	1.8	4.6	0.2	0.0	93.4	94.0	92.8
Slovak Republic	2007	716	73.1	10.4	14.4	2.1	0.0	73.1	75.0	71.2
	2011	803	69.3	11.9	16.1	2.6	0.0	69.3	69.9	68.8
Slovenia	2007	619	66.4	12.0	19.1	2.5	0.0	66.4	69.1	63.8
	2011	638	68.1	14.8	14.5	2.6	0.0	68.1	71.8	64.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M09_01 (M041291): Number / Knowing
Label: Subtract 428 - 176 - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	42.7	25.1	27.4	4.7	0.0	42.7	39.6	46.3
	2011	685	46.7	24.5	25.0	3.3	0.4	46.7	46.6	46.8
Tunisia	2007	591	53.7	11.4	26.3	6.2	2.5	53.7	58.2	49.3
	2011	703	64.6	7.5	23.1	4.0	0.7	64.6	69.0	61.1
United States	2007	1131	81.0	7.5	11.1	0.3	0.0	81.0	80.3	81.8
	2011	1782	80.0	7.2	12.1	0.6	0.1	80.0	81.2	79.0

International Avg. (25)	2007	15778	67.7	10.6	18.6	2.9	0.2	67.7	68.3	67.2
	2011	17640	67.8	10.8	18.9	2.3	0.2	67.8	69.1	66.6

Alberta, Canada	2007	589	61.0	14.8	21.8	2.3	0.1	61.0	64.3	58.1
	2011	516	53.1	20.9	23.4	2.3	0.3	53.1	52.9	53.3
Ontario, Canada	2007	506	55.6	17.2	26.3	0.9	0.0	55.6	53.0	58.4
	2011	638	53.9	17.9	26.8	1.1	0.3	53.9	46.6	61.5
Quebec, Canada	2007	557	80.5	6.3	11.2	1.8	0.1	80.5	82.0	78.8
	2011	613	80.5	4.3	13.8	1.2	0.2	80.5	83.1	78.1
Dubai, UAE	2007	437	65.7	8.6	22.9	2.8	0.0	65.7	68.2	63.3
	2011	870	61.9	14.3	20.9	2.8	0.1	61.9	60.4	63.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M09_02 (M041289): Number / Applying
Label: Number closest in size to 300 - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	578	75.3	0.7	21.7	75.3	2.0	0.2	0.0	66.9	83.2
	2011	876	76.8	1.3	18.2	76.8	2.1	1.3	0.3	71.3	82.0
Austria	2007	689	56.3	0.2	39.0	56.3	3.3	1.1	0.0	49.5	63.3
	2011	672	60.5	0.9	32.7	60.5	5.4	0.5	0.0	53.8	67.2
Chinese Taipei	2007	590	56.0	0.3	42.4	56.0	0.4	0.8	0.0	49.3	62.6
	2011	614	76.3	0.3	21.2	76.3	0.7	1.5	0.0	74.8	77.6
Czech Republic	2007	611	54.3	0.7	44.0	54.3	1.1	0.0	0.0	45.6	60.3
	2011	648	60.6	0.5	37.9	60.6	0.4	0.4	0.1	50.3	70.2
Denmark	2007	505	82.0	0.9	15.1	82.0	1.0	0.3	0.7	73.6	90.8
	2011	580	85.4	0.1	12.0	85.4	1.7	0.3	0.5	80.7	90.4
England	2007	622	81.5	0.3	13.5	81.5	3.0	1.7	0.0	78.8	84.1
	2011	483	80.2	0.7	16.2	80.2	2.1	0.7	0.2	76.3	83.6
Georgia	2007	571	33.3	0.9	59.3	33.3	4.4	1.0	1.0	26.9	38.0
	2011	689	54.7	1.4	36.0	54.7	5.8	1.6	0.4	54.9	54.5
Germany	2007	746	77.3	0.1	20.7	77.3	1.0	0.6	0.2	69.6	83.8
	2011	567	77.7	0.0	19.3	77.7	1.8	1.0	0.2	71.1	84.1
Hong Kong SAR	2007	544	80.9	0.1	18.6	80.9	0.5	0.0	0.0	76.6	84.5
	2011	561	87.8	0.1	11.8	87.8	0.2	0.1	0.0	85.8	89.6
Hungary	2007	574	61.5	1.4	32.8	61.5	2.1	1.8	0.4	62.9	60.1
	2011	742	65.5	1.0	30.9	65.5	1.6	0.7	0.1	56.6	73.4
Iran, Islamic Rep. of	2007	541	16.8	2.6	72.4	16.8	6.8	1.0	0.5	16.5	17.0
	2011	824	21.8	3.9	65.8	21.8	7.0	1.3	0.2	17.2	26.3
Italy	2007	634	37.3	0.4	59.2	37.3	2.4	0.6	0.0	32.3	41.8
	2011	598	42.2	0.7	54.3	42.2	2.3	0.4	0.2	33.8	50.9
Japan	2007	633	82.4	0.2	16.5	82.4	0.5	0.4	0.0	77.6	87.1
	2011	634	84.8	0.4	14.0	84.8	0.6	0.2	0.0	81.8	87.9
Kuwait	2007	534	38.2	5.8	31.1	38.2	21.2	3.5	0.2	40.4	35.9
	2011	578	34.5	7.2	29.7	34.5	22.2	5.6	0.8	35.3	33.7
Lithuania	2007	561	56.0	0.2	40.9	56.0	0.8	2.1	0.0	55.8	56.1
	2011	692	53.2	0.5	41.0	53.2	4.2	0.7	0.4	49.8	56.3
Netherlands	2007	483	85.0	0.3	13.8	85.0	0.5	0.4	0.0	78.4	91.4
	2011	467	87.8	0.0	11.7	87.8	0.0	0.4	0.0	80.4	94.8
New Zealand	2007	714	66.9	0.9	26.7	66.9	4.5	0.3	0.7	63.1	70.4
	2011	805	70.9	0.6	24.2	70.9	3.7	0.4	0.2	68.4	73.2
Norway	2007	569	76.6	0.9	19.5	76.6	2.9	0.0	0.1	70.2	83.3
	2011	442	82.9	0.5	13.1	82.9	2.2	1.0	0.3	80.7	85.9
Russian Federation	2007	638	33.9	0.7	64.1	33.9	0.8	0.4	0.0	29.3	39.0
	2011	644	44.9	0.5	53.5	44.9	0.8	0.3	0.0	40.4	49.3
Singapore	2007	723	61.6	2.0	34.7	61.6	1.7	0.1	0.0	55.9	66.9
	2011	907	68.7	1.7	26.6	68.7	2.7	0.3	0.0	65.8	71.4
Slovak Republic	2007	716	55.3	1.2	41.8	55.3	1.3	0.3	0.0	49.4	61.5
	2011	803	54.2	0.4	42.4	54.2	2.5	0.4	0.0	49.5	58.7
Slovenia	2007	619	51.1	1.0	43.1	51.1	4.2	0.6	0.0	43.5	58.0
	2011	637	63.8	0.3	32.7	63.8	2.2	1.1	0.0	55.5	70.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_02 (M041289): Number / Applying
Label: Number closest in size to 300 - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	77.9	0.1	20.5	77.9	1.0	0.6	0.0	74.0	82.2
	2011	685	77.5	0.5	20.3	77.5	0.7	0.6	0.4	72.1	83.4
Tunisia	2007	591	19.8	3.5	55.5	19.8	9.7	8.9	2.6	17.4	22.2
	2011	693	23.9	3.3	60.3	23.9	7.7	3.9	0.8	20.5	26.7
United States	2007	1131	64.1	0.6	33.9	64.1	0.8	0.6	0.0	58.2	69.9
	2011	1782	70.3	0.7	27.1	70.3	0.9	0.8	0.2	65.4	74.7
International Avg. (25)	2007	15777	59.2	1.1	35.2	59.2	3.1	1.1	0.3	54.5	63.7
	2011	17623	64.3	1.1	30.1	64.3	3.3	1.0	0.2	59.7	68.7
Alberta, Canada	2007	589	72.6	0.4	25.2	72.6	0.6	1.1	0.1	64.2	79.8
	2011	517	78.4	0.2	16.7	78.4	3.1	0.9	0.6	74.2	82.4
Ontario, Canada	2007	506	71.1	0.1	26.5	71.1	1.7	0.6	0.0	68.0	74.4
	2011	638	79.0	0.9	18.7	79.0	1.0	0.3	0.3	77.5	80.5
Quebec, Canada	2007	556	66.1	0.0	30.8	66.1	1.9	1.0	0.1	56.4	77.5
	2011	613	72.3	0.8	25.7	72.3	0.1	1.1	0.2	66.4	77.5
Dubai, UAE	2007	437	41.3	2.6	47.9	41.3	5.8	2.4	0.0	41.7	41.0
	2011	870	46.6	1.4	44.4	46.6	6.9	0.5	0.1	46.5	46.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_03 (M041068): Number / Knowing
Label: Which is the smallest number - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	578	33.4	60.7	33.4	4.9	0.3	0.7	0.0	29.1	37.3
	2011	876	38.0	54.5	38.0	5.0	0.3	2.0	0.3	35.2	40.6
Austria	2007	689	25.5	71.0	25.5	1.8	0.2	1.5	0.0	22.9	28.2
	2011	672	24.0	72.7	24.0	2.2	0.0	1.0	0.0	23.1	25.0
Chinese Taipei	2007	590	72.4	18.3	72.4	8.1	0.7	0.5	0.0	69.7	75.0
	2011	614	80.5	13.9	80.5	5.0	0.2	0.5	0.0	79.1	81.7
Czech Republic	2007	611	17.2	79.2	17.2	2.0	0.2	1.5	0.0	15.1	18.6
	2011	648	21.9	70.9	21.9	3.5	0.6	2.9	0.1	16.7	26.9
Denmark	2007	505	43.6	52.7	43.6	2.0	0.2	0.7	0.7	37.8	49.7
	2011	580	47.1	45.7	47.1	5.4	0.3	1.0	0.5	41.5	53.2
England	2007	622	50.5	35.0	50.5	12.2	0.7	1.6	0.0	44.4	56.2
	2011	483	54.7	31.0	54.7	11.9	1.3	0.9	0.2	53.1	56.1
Georgia	2007	571	10.5	67.7	10.5	14.3	1.8	4.6	1.0	9.4	11.4
	2011	689	15.5	69.8	15.5	8.6	1.7	3.9	0.4	15.3	15.7
Germany	2007	746	56.5	40.4	56.5	1.9	0.1	0.9	0.2	49.3	62.8
	2011	567	50.3	45.3	50.3	2.8	0.0	1.5	0.2	46.4	54.1
Hong Kong SAR	2007	544	77.8	18.0	77.8	3.8	0.2	0.2	0.0	73.0	81.9
	2011	561	76.4	19.3	76.4	3.5	0.5	0.3	0.0	76.1	76.7
Hungary	2007	574	25.1	60.0	25.1	10.5	0.4	3.7	0.4	22.0	28.3
	2011	742	23.1	59.3	23.1	14.1	0.6	2.6	0.3	17.0	28.5
Iran, Islamic Rep. of	2007	541	4.7	85.6	4.7	3.3	1.2	4.5	0.7	5.7	3.8
	2011	824	6.6	81.1	6.6	5.3	1.6	5.3	0.2	4.2	8.9
Italy	2007	634	54.6	40.1	54.6	4.5	0.2	0.6	0.0	48.6	59.9
	2011	598	55.1	39.1	55.1	4.0	0.4	1.2	0.2	51.3	59.0
Japan	2007	633	71.9	22.9	71.9	4.8	0.2	0.2	0.0	65.2	78.6
	2011	634	85.5	5.8	85.5	8.1	0.4	0.2	0.0	81.9	89.1
Kuwait	2007	534	6.4	81.2	6.4	5.4	3.0	3.8	0.2	3.7	9.1
	2011	579	9.1	69.4	9.1	10.7	3.9	6.0	0.9	9.1	9.0
Lithuania	2007	561	35.3	51.7	35.3	11.3	0.7	1.0	0.0	33.9	36.6
	2011	692	35.3	51.0	35.3	10.1	2.8	0.3	0.4	34.2	36.4
Netherlands	2007	483	38.7	56.0	38.7	3.9	0.9	0.5	0.0	41.1	36.4
	2011	467	39.2	55.8	39.2	4.3	0.2	0.4	0.0	35.7	42.5
New Zealand	2007	714	27.2	57.5	27.2	12.7	0.8	1.2	0.7	25.3	28.9
	2011	805	26.3	55.3	26.3	16.1	1.1	0.8	0.4	23.4	28.9
Norway	2007	569	24.3	69.8	24.3	5.0	0.0	0.8	0.1	20.0	28.9
	2011	442	24.7	64.5	24.7	8.0	0.3	2.0	0.4	20.4	30.7
Russian Federation	2007	638	33.9	58.5	33.9	5.7	0.7	1.3	0.0	31.6	36.5
	2011	644	29.9	61.2	29.9	7.4	0.4	0.9	0.2	26.7	33.2
Singapore	2007	723	78.8	16.2	78.8	4.3	0.7	0.0	0.0	79.6	78.1
	2011	907	78.3	13.6	78.3	6.4	1.4	0.2	0.0	76.8	79.8
Slovak Republic	2007	716	28.2	65.1	28.2	4.8	0.9	0.9	0.0	26.3	30.1
	2011	803	37.8	58.1	37.8	2.9	0.2	1.0	0.0	35.5	40.0
Slovenia	2007	619	22.9	72.8	22.9	1.7	1.2	1.4	0.0	18.2	27.3
	2011	638	27.0	69.1	27.0	2.7	0.4	0.7	0.1	22.8	30.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_03 (M041068): Number / Knowing
Label: Which is the smallest number - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	33.8	60.9	33.8	4.1	0.4	0.9	0.0	27.7	40.7
	2011	685	32.1	60.7	32.1	5.6	0.1	1.0	0.4	26.6	38.3
Tunisia	2007	.	.	.	.	.	.	.	.	.	.
	2011	698	5.0	75.7	5.0	10.0	2.3	5.9	1.0	3.2	6.4
United States	2007	1131	35.2	56.3	35.2	6.5	0.8	1.3	0.0	31.5	38.8
	2011	1782	40.6	51.5	40.6	5.2	0.7	1.8	0.2	37.6	43.4
International Avg. (25)	2007	15186	37.9	54.1	37.9	5.8	0.7	1.4	0.2	34.6	41.0
	2011	17630	38.6	51.8	38.6	6.7	0.9	1.8	0.3	35.7	41.4
Alberta, Canada	2007	589	31.1	65.4	31.1	1.6	0.5	1.2	0.1	29.7	32.4
	2011	517	25.5	64.7	25.5	7.8	0.2	1.0	0.8	25.1	26.0
Ontario, Canada	2007	506	22.5	72.0	22.5	4.5	0.0	0.9	0.0	22.1	23.0
	2011	638	27.6	67.6	27.6	3.6	0.6	0.3	0.3	23.5	31.8
Quebec, Canada	2007	557	34.6	61.9	34.6	2.6	0.2	0.7	0.1	36.6	32.2
	2011	613	45.0	49.8	45.0	3.1	0.5	1.1	0.5	41.7	47.9
Dubai, UAE	2007	437	19.9	70.8	19.9	5.0	3.1	1.1	0.1	17.3	22.3
	2011	870	24.3	67.4	24.3	5.2	1.6	1.4	0.1	22.0	26.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_04A (M041065A): Number / Knowing

Label: Circle with 3/8 of the area shaded - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	46.2	15.9	19.8	46.2	14.9	3.2	0.0	44.1	48.1
	2011	876	48.0	16.1	19.5	48.0	9.6	6.5	0.3	49.9	46.2
Austria	2007	689	39.6	17.8	16.6	39.6	12.9	13.2	0.0	43.0	36.0
	2011	672	35.7	15.7	16.7	35.7	7.6	24.3	0.0	38.0	33.4
Chinese Taipei	2007	590	58.1	10.2	14.1	58.1	11.6	6.0	0.0	58.6	57.7
	2011	614	58.8	10.1	13.7	58.8	12.9	4.4	0.0	60.4	57.4
Czech Republic	2007	610	18.8	24.0	13.4	18.8	11.7	32.1	0.0	15.0	21.5
	2011	648	30.1	19.6	21.4	30.1	11.7	17.1	0.1	29.6	30.5
Denmark	2007	505	41.0	18.8	21.8	41.0	7.0	10.6	0.7	45.3	36.5
	2011	580	49.7	12.4	22.5	49.7	6.2	8.7	0.5	51.7	47.5
England	2007	622	49.2	13.9	20.2	49.2	10.9	5.8	0.0	45.8	52.3
	2011	483	54.2	13.9	17.0	54.2	8.7	6.0	0.2	52.7	55.6
Georgia	2007	571	19.7	35.1	14.6	19.7	8.8	20.8	1.0	15.7	22.6
	2011	688	16.0	32.0	20.5	16.0	14.3	16.7	0.4	16.4	15.6
Germany	2007	746	32.7	14.6	29.2	32.7	9.5	13.9	0.2	28.6	36.1
	2011	567	29.1	12.5	35.0	29.1	7.6	15.4	0.4	26.5	31.6
Hong Kong SAR	2007	544	73.0	7.7	8.6	73.0	7.3	3.4	0.0	73.7	72.5
	2011	561	77.3	5.0	8.7	77.3	6.5	2.4	0.0	76.1	78.4
Hungary	2007	574	36.4	20.3	21.7	36.4	11.4	9.8	0.4	37.8	34.9
	2011	741	39.8	21.3	17.0	39.8	10.7	10.4	0.8	38.9	40.6
Iran, Islamic Rep. of	2007	542	12.9	49.1	10.5	12.9	10.7	16.1	0.7	12.8	12.9
	2011	824	24.6	38.8	14.5	24.6	6.8	14.9	0.4	25.0	24.3
Italy	2007	634	42.8	18.2	16.5	42.8	13.7	8.8	0.0	44.5	41.4
	2011	598	34.5	18.3	18.8	34.5	12.6	15.6	0.2	34.9	34.0
Japan	2007	633	58.3	13.0	12.3	58.3	12.5	3.9	0.0	60.4	56.3
	2011	634	65.8	7.1	12.3	65.8	12.0	2.7	0.0	67.4	64.1
Kuwait	2007	534	13.7	34.4	22.7	13.7	9.9	19.1	0.2	12.6	14.7
	2011	579	14.1	36.5	22.6	14.1	10.1	15.7	0.9	13.7	14.6
Lithuania	2007	561	46.6	21.9	17.8	46.6	7.2	6.6	0.0	50.1	43.4
	2011	692	44.5	16.2	22.7	44.5	10.7	5.5	0.4	45.8	43.3
Netherlands	2007	483	47.4	19.5	17.1	47.4	13.8	2.3	0.0	50.8	44.1
	2011	467	58.0	12.5	16.5	58.0	9.3	3.7	0.0	56.7	59.1
New Zealand	2007	714	39.7	17.6	25.2	39.7	11.1	5.7	0.7	37.4	41.9
	2011	805	43.8	16.6	22.6	43.8	13.6	3.1	0.4	43.0	44.5
Norway	2007	569	28.8	20.8	24.1	28.8	13.9	12.3	0.1	32.0	25.4
	2011	442	39.1	20.7	16.9	39.1	12.2	10.6	0.4	36.3	42.9
Russian Federation	2007	638	39.5	26.8	14.4	39.5	13.1	6.1	0.0	39.0	40.0
	2011	643	41.1	16.9	22.5	41.1	11.0	8.3	0.2	41.9	40.3
Singapore	2007	723	69.9	9.8	11.4	69.9	6.5	2.4	0.0	73.9	66.1
	2011	907	73.0	6.6	10.5	73.0	5.0	4.8	0.0	73.3	72.8
Slovak Republic	2007	716	26.4	32.5	16.2	26.4	12.1	12.7	0.0	25.4	27.4
	2011	803	29.5	28.5	20.1	29.5	11.3	10.7	0.0	28.7	30.2
Slovenia	2007	619	32.4	28.9	19.1	32.4	9.8	9.8	0.0	31.0	33.6
	2011	638	34.8	24.0	20.0	34.8	12.0	9.0	0.1	32.0	37.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M09_04A (M041065A): Number / Knowing

Label: Circle with 3/8 of the area shaded - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	31.6	16.4	22.5	31.6	11.6	17.9	0.0	31.0	32.3
	2011	685	29.6	17.4	25.1	29.6	13.2	14.3	0.4	27.8	31.5
Tunisia	2007	591	13.2	24.2	9.6	13.2	14.6	35.3	3.2	11.0	15.3
	2011	695	18.4	23.8	13.2	18.4	13.4	30.1	1.0	16.2	20.1
United States	2007	1131	50.9	15.0	18.8	50.9	12.7	2.7	0.0	51.6	50.1
	2011	1782	57.3	12.6	17.6	57.3	9.7	2.6	0.2	56.1	58.3
International Avg. (25)	2007	15776	38.7	21.1	17.5	38.7	11.2	11.2	0.3	38.8	38.5
	2011	17624	41.9	18.2	18.7	41.9	10.4	10.5	0.3	41.6	42.2
Alberta, Canada	2007	589	46.4	17.7	16.5	46.4	15.9	3.4	0.1	40.0	52.0
	2011	517	46.3	16.5	23.4	46.3	10.3	2.7	0.8	45.4	47.1
Ontario, Canada	2007	506	39.4	22.6	19.7	39.4	15.3	3.0	0.0	38.6	40.2
	2011	638	44.5	18.7	22.2	44.5	10.6	3.9	0.3	45.4	43.5
Quebec, Canada	2007	557	47.7	14.3	21.7	47.7	9.2	7.0	0.1	47.5	47.8
	2011	613	48.5	13.7	24.4	48.5	7.6	5.2	0.5	47.4	49.5
Dubai, UAE	2007	435	27.1	27.6	15.9	27.1	11.3	18.0	0.1	33.5	21.0
	2011	870	38.0	22.4	20.5	38.0	10.7	8.3	0.1	39.0	37.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_04B (M041065B): Number / Reasoning

Label: Give reason for your selection - Points: 1

COUNTRY	YEAR	N	10 %	11 %	12 %	13 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	579	18.8	1.2	1.1	3.1	2.3	1.4	65.7	6.3	0.0	24.2	27.6	21.1
	2011	876	18.1	1.5	1.9	1.8	5.8	2.6	62.0	6.0	0.3	23.3	26.2	20.6
Austria	2007	689	5.1	5.3	0.3	0.0	0.4	0.5	43.2	45.2	0.0	10.7	12.4	9.0
	2011	672	4.2	4.6	0.0	0.4	1.4	0.9	43.9	44.7	0.0	9.2	12.8	5.5
Chinese Taipei	2007	590	31.1	3.5	1.4	4.0	6.5	2.0	37.6	13.8	0.0	40.1	44.1	36.2
	2011	614	36.3	4.6	1.2	5.6	5.8	0.0	33.7	12.7	0.0	47.7	50.4	45.5
Czech Republic	2007	611	3.8	0.6	0.3	0.5	0.6	0.1	45.3	48.6	0.3	5.2	4.0	6.0
	2011	648	17.7	0.2	0.0	3.4	1.8	0.4	39.0	37.3	0.1	21.3	23.6	19.2
Denmark	2007	503	22.9	0.2	0.3	2.2	4.9	1.1	41.6	25.9	0.8	25.6	32.0	18.9
	2011	580	28.3	2.0	1.6	8.1	1.7	0.0	51.0	6.8	0.5	40.0	48.7	30.7
England	2007	622	18.1	2.9	2.5	1.6	4.1	5.5	42.5	22.7	0.0	25.2	27.5	23.0
	2011	483	23.7	2.1	2.7	1.7	15.1	5.2	46.1	3.2	0.2	30.2	33.6	27.1
Georgia	2007	571	5.0	0.1	2.6	0.5	1.0	0.0	17.0	72.0	1.8	8.2	9.1	7.6
	2011	688	2.6	0.0	0.0	0.8	2.1	0.1	29.2	64.7	0.5	3.5	4.2	2.8
Germany	2007	746	1.9	2.9	0.5	0.7	3.4	3.0	74.8	12.4	0.2	6.1	6.7	5.6
	2011	567	0.2	0.7	0.5	0.1	1.7	4.2	51.3	40.8	0.4	1.5	1.1	1.9
Hong Kong SAR	2007	544	50.2	0.8	1.6	0.6	7.8	0.9	26.6	11.6	0.0	53.1	58.3	48.7
	2011	561	50.7	0.5	0.6	2.0	9.4	2.1	26.3	8.6	0.0	53.7	57.7	50.1
Hungary	2007	574	20.6	0.3	0.0	1.0	1.8	0.8	42.8	32.3	0.4	21.9	25.9	17.6
	2011	742	23.6	0.6	0.0	2.4	1.7	2.0	43.5	25.6	0.8	26.6	27.2	26.0
Iran, Islamic Rep. of	2007	542	4.3	0.5	0.0	0.0	0.1	0.0	39.9	54.3	0.8	4.9	6.0	3.7
	2011	824	8.7	0.0	0.1	0.3	0.4	0.0	47.8	42.3	0.4	9.1	10.5	7.7
Italy	2007	635	30.9	0.6	0.0	2.5	0.5	0.5	56.3	8.7	0.0	34.0	35.9	32.4
	2011	598	12.7	0.8	0.0	1.0	7.0	2.0	42.9	33.2	0.4	14.4	14.2	14.7
Japan	2007	633	38.2	3.7	1.8	1.2	3.4	3.2	39.7	8.8	0.0	45.0	49.8	40.1
	2011	634	43.4	5.1	4.1	1.5	2.4	3.1	36.9	3.4	0.0	54.1	60.3	47.7
Kuwait	2007	534	0.5	0.2	0.3	0.2	0.0	0.0	22.7	75.6	0.6	1.1	1.7	0.5
	2011	583	1.7	0.0	0.5	0.3	0.1	0.0	36.5	59.7	1.2	2.5	4.1	0.5
Lithuania	2007	561	24.5	0.4	0.2	2.7	5.3	0.3	30.9	35.5	0.0	27.9	35.9	20.8
	2011	692	22.0	0.7	0.2	2.1	1.0	0.6	41.6	31.5	0.4	25.0	26.8	23.5
Netherlands	2007	483	26.3	1.2	2.1	2.4	2.3	2.6	44.8	18.4	0.0	32.0	35.4	28.7
	2011	467	19.4	1.7	1.5	0.2	4.8	3.7	59.0	9.8	0.0	22.8	27.9	17.9
New Zealand	2007	714	11.0	3.4	1.0	1.7	3.8	4.1	47.7	26.7	0.7	17.1	21.8	12.6
	2011	805	14.2	0.4	1.2	0.4	2.9	3.2	60.7	16.7	0.4	16.2	18.1	14.4
Norway	2007	569	10.0	0.2	0.4	2.1	5.9	0.9	50.8	29.7	0.1	12.7	13.3	12.0
	2011	442	9.2	0.0	0.6	1.5	2.7	1.8	57.7	26.1	0.4	11.3	12.8	9.1
Russian Federation	2007	638	17.9	0.2	0.6	1.1	0.9	0.5	23.6	55.2	0.0	19.8	22.3	17.0
	2011	644	21.7	0.2	0.0	4.1	0.9	0.3	65.5	7.1	0.2	26.0	30.9	21.1
Singapore	2007	723	51.8	2.0	1.0	4.8	4.9	1.6	29.7	4.1	0.0	59.7	64.1	55.6
	2011	907	51.6	0.7	1.9	2.5	0.5	1.3	37.8	3.7	0.0	56.6	62.4	51.3
Slovak Republic	2007	716	11.8	0.1	0.3	0.3	1.0	0.1	37.8	48.7	0.0	12.4	13.2	11.5
	2011	803	12.3	0.0	0.5	0.7	0.5	0.6	47.7	37.8	0.0	13.5	12.7	14.3
Slovenia	2007	619	7.4	0.4	0.4	0.1	14.6	0.7	51.3	24.9	0.0	8.4	9.9	7.0
	2011	638	17.4	0.2	0.3	0.8	5.5	0.1	54.0	21.6	0.1	18.8	19.1	18.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M09_04B (M041065B): Number / Reasoning

Label: Give reason for your selection - Points: 1

COUNTRY	YEAR	N	10 %	11 %	12 %	13 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	5.7	0.5	0.1	1.0	1.4	0.7	51.3	39.0	0.2	7.3	9.3	5.1
	2011	685	6.5	0.1	0.2	0.4	3.8	0.6	59.6	28.4	0.4	7.3	8.9	5.5
Tunisia	2007	591	0.0	0.0	0.0	0.7	0.9	0.0	50.6	43.6	4.2	0.7	1.5	0.0
	2011	702	0.0	0.0	0.0	0.2	0.1	0.0	58.8	39.3	1.5	0.2	0.5	0.0
United States	2007	1131	29.4	0.2	0.6	3.5	4.2	1.6	58.6	1.7	0.1	33.8	37.6	29.9
	2011	1782	30.1	3.8	2.0	3.0	6.3	2.6	51.4	0.5	0.2	39.0	42.6	35.7
International Avg. (25)	2007	15778	17.9	1.3	0.8	1.5	3.3	1.3	42.9	30.6	0.4	21.5	24.2	18.8
	2011	17637	19.1	1.2	0.9	1.8	3.4	1.5	47.4	24.5	0.3	22.9	25.5	20.5
Alberta, Canada	2007	589	26.7	1.3	1.3	2.0	3.1	1.2	43.6	20.5	0.1	31.4	33.0	30.1
	2011	517	18.8	0.1	0.8	2.5	2.5	0.5	72.0	2.0	0.8	22.2	22.6	21.9
Ontario, Canada	2007	506	17.7	0.8	1.4	2.7	5.2	2.3	51.9	18.2	0.0	22.5	21.8	23.2
	2011	638	21.6	0.4	1.9	1.8	5.2	1.5	65.5	1.7	0.4	25.7	30.9	20.4
Quebec, Canada	2007	557	28.4	0.0	0.5	3.5	3.1	1.6	46.7	16.2	0.1	32.3	34.9	29.2
	2011	613	28.4	0.2	0.1	3.1	5.9	1.3	55.8	4.7	0.5	31.7	36.9	27.1
Dubai, UAE	2007	436	13.3	0.9	1.7	1.7	1.6	0.0	45.0	35.7	0.1	17.6	21.2	14.3
	2011	870	14.5	0.8	0.4	2.5	4.0	0.5	65.0	12.1	0.1	18.2	20.3	16.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M09_05 (M041096): Number / Knowing
Label: Number to go into the box - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	578	25.9	50.6	16.8	4.5	25.9	2.2	0.0	26.8	25.1
	2011	876	23.6	51.2	16.0	7.0	23.6	1.9	0.3	27.1	20.3
Austria	2007	689	32.0	45.1	18.4	1.6	32.0	2.8	0.0	32.2	31.8
	2011	672	32.3	49.9	12.6	2.8	32.3	2.4	0.0	35.0	29.6
Chinese Taipei	2007	590	83.2	12.0	4.5	0.3	83.2	0.0	0.0	87.2	79.2
	2011	614	84.3	8.4	6.5	0.4	84.3	0.3	0.0	83.2	85.3
Czech Republic	2007	611	38.3	39.5	15.9	4.2	38.3	1.9	0.3	44.1	34.3
	2011	648	44.3	37.2	11.8	4.4	44.3	2.2	0.1	44.8	43.9
Denmark	2007	505	19.8	62.3	9.2	3.8	19.8	4.0	0.8	22.3	17.2
	2011	580	19.8	58.8	12.4	4.5	19.8	4.0	0.5	20.1	19.4
England	2007	622	44.8	38.2	11.0	3.4	44.8	2.7	0.0	45.5	44.0
	2011	483	40.7	39.5	11.5	5.4	40.7	2.6	0.2	42.5	39.2
Georgia	2007	571	59.6	12.0	16.5	4.7	59.6	5.3	1.8	63.9	56.5
	2011	688	57.1	20.2	15.7	4.5	57.1	2.0	0.5	57.9	56.4
Germany	2007	746	52.1	33.1	11.1	2.0	52.1	1.6	0.2	55.2	49.5
	2011	567	50.9	35.6	8.6	2.3	50.9	2.1	0.4	54.9	47.1
Hong Kong SAR	2007	544	74.3	9.5	12.6	3.3	74.3	0.3	0.0	73.1	75.3
	2011	561	80.3	6.8	9.8	2.5	80.3	0.5	0.0	80.8	79.8
Hungary	2007	574	59.2	22.5	12.3	1.8	59.2	3.7	0.4	61.8	56.6
	2011	742	57.7	26.9	9.6	4.1	57.7	1.0	0.8	56.5	58.8
Iran, Islamic Rep. of	2007	542	30.7	42.7	14.1	6.1	30.7	5.5	0.9	32.2	29.3
	2011	824	33.0	41.1	14.6	4.0	33.0	6.7	0.6	36.3	29.7
Italy	2007	634	51.9	27.8	12.4	2.6	51.9	5.4	0.0	55.4	48.8
	2011	598	43.3	27.6	19.6	4.5	43.3	4.7	0.4	43.9	42.6
Japan	2007	633	66.3	15.7	14.6	2.7	66.3	0.7	0.0	67.5	65.1
	2011	634	72.3	11.8	13.9	1.7	72.3	0.3	0.0	76.1	68.4
Kuwait	2007	534	12.5	50.4	16.4	11.7	12.5	8.1	0.8	13.5	11.5
	2011	576	10.6	55.4	16.1	8.6	10.6	8.4	0.9	12.5	8.3
Lithuania	2007	561	62.0	22.6	13.2	1.1	62.0	1.1	0.0	67.0	57.7
	2011	692	58.1	20.8	17.0	2.6	58.1	1.2	0.4	61.9	54.7
Netherlands	2007	483	39.8	44.7	9.7	4.3	39.8	1.5	0.0	39.8	39.8
	2011	467	32.6	53.4	7.8	5.5	32.6	0.7	0.0	30.3	34.8
New Zealand	2007	714	20.7	50.2	18.6	8.1	20.7	1.8	0.7	21.7	19.7
	2011	805	16.0	61.4	15.1	5.5	16.0	1.6	0.4	18.8	13.4
Norway	2007	569	19.9	53.5	18.8	4.5	19.9	3.1	0.3	24.8	14.5
	2011	442	17.3	57.9	14.2	7.8	17.3	2.2	0.6	16.0	19.2
Russian Federation	2007	638	78.9	4.5	14.3	1.2	78.9	1.1	0.0	77.0	81.1
	2011	644	79.1	7.7	9.3	2.7	79.1	1.0	0.2	81.4	76.9
Singapore	2007	723	83.8	12.0	3.4	0.5	83.8	0.2	0.0	85.0	82.7
	2011	907	83.6	12.4	2.3	1.3	83.6	0.3	0.0	83.3	83.9
Slovak Republic	2007	716	60.8	21.6	10.5	4.0	60.8	3.1	0.0	66.7	54.6
	2011	803	59.9	23.5	10.7	4.3	59.9	1.5	0.0	61.3	58.7
Slovenia	2007	619	49.2	31.0	14.4	2.8	49.2	2.5	0.0	50.0	48.5
	2011	637	52.8	28.8	13.5	2.9	52.8	1.9	0.1	53.3	52.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_05 (M041096): Number / Knowing
Label: Number to go into the box - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	23.5	55.1	14.3	5.8	23.5	1.1	0.2	23.0	24.1
	2011	685	20.9	59.2	13.6	5.1	20.9	0.9	0.4	22.5	19.2
Tunisia	2007	591	23.6	38.5	12.8	9.3	23.6	11.6	4.2	25.7	21.7
	2011	696	28.1	37.7	10.8	9.6	28.1	12.2	1.6	30.1	26.6
United States	2007	1131	42.4	44.6	9.2	2.9	42.4	0.8	0.1	45.0	39.8
	2011	1782	43.9	44.2	7.9	2.9	43.9	0.9	0.2	47.8	40.4
International Avg. (25)	2007	15778	46.2	33.6	13.0	3.9	46.2	2.9	0.4	48.3	44.3
	2011	17623	45.7	35.1	12.0	4.3	45.7	2.5	0.3	47.1	44.4
Alberta, Canada	2007	589	28.7	44.5	19.6	4.3	28.7	2.7	0.1	29.9	27.7
	2011	517	26.2	48.7	16.1	6.1	26.2	2.1	0.8	29.8	22.8
Ontario, Canada	2007	506	25.2	50.6	14.4	7.3	25.2	2.6	0.0	27.0	23.2
	2011	638	26.3	49.9	16.0	5.7	26.3	1.8	0.4	25.8	26.9
Quebec, Canada	2007	557	38.9	39.8	11.4	6.3	38.9	3.3	0.2	41.1	36.4
	2011	613	37.3	41.3	14.0	3.5	37.3	3.4	0.5	37.8	36.9
Dubai, UAE	2007	437	32.2	48.1	9.7	5.9	32.2	4.1	0.1	37.1	27.8
	2011	870	32.4	50.5	11.2	4.0	32.4	1.8	0.1	31.4	33.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_06 (M041125): Number / Applying
Label: Rule to get numbers in column B - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	577	39.4	39.4	21.4	11.8	21.4	6.0	0.0	42.4	36.6
	2011	876	38.5	38.5	28.1	11.8	16.6	4.7	0.3	41.4	35.7
Austria	2007	689	22.0	22.0	23.2	9.3	19.1	26.4	0.0	20.7	23.4
	2011	672	23.6	23.6	21.8	13.8	18.4	22.4	0.0	23.0	24.2
Chinese Taipei	2007	590	52.8	52.8	24.1	7.8	12.2	3.1	0.0	50.0	55.5
	2011	614	54.9	54.9	23.6	9.5	9.7	2.3	0.0	55.1	54.7
Czech Republic	2007	611	36.3	36.3	21.0	7.7	14.3	20.4	0.3	34.7	37.5
	2011	648	41.2	41.2	20.5	12.4	14.0	11.7	0.1	39.2	43.2
Denmark	2007	503	43.8	43.8	23.4	7.1	11.2	13.6	0.8	43.2	44.5
	2011	580	44.5	44.5	23.5	6.7	8.6	16.3	0.5	41.8	47.3
England	2007	622	46.1	46.1	21.3	11.1	12.6	8.9	0.0	47.7	44.6
	2011	483	45.8	45.8	24.2	10.1	12.2	7.0	0.7	45.1	46.5
Georgia	2007	571	42.0	42.0	17.5	9.1	13.8	15.7	1.8	41.9	42.2
	2011	689	43.9	43.9	22.6	9.8	12.7	10.6	0.5	46.4	41.8
Germany	2007	746	33.4	33.4	22.7	12.0	15.3	16.4	0.2	29.0	37.1
	2011	567	34.2	34.2	20.6	13.4	16.4	14.9	0.4	35.6	32.8
Hong Kong SAR	2007	544	69.0	69.0	16.3	7.2	6.4	1.1	0.0	65.9	71.6
	2011	561	68.8	68.8	16.2	7.9	6.2	0.8	0.0	73.4	64.7
Hungary	2007	574	49.9	49.9	21.8	6.1	9.7	12.0	0.5	52.2	47.5
	2011	742	53.3	53.3	19.9	7.4	10.8	7.8	0.8	57.1	50.0
Iran, Islamic Rep. of	2007	542	25.9	25.9	19.7	10.9	21.7	20.3	1.5	28.9	23.0
	2011	824	30.2	30.2	16.9	13.0	19.6	19.5	0.8	32.4	28.2
Italy	2007	630	47.3	47.3	21.3	5.4	13.2	12.4	0.3	47.9	46.8
	2011	598	50.7	50.7	20.1	7.8	12.6	8.4	0.4	50.5	50.9
Japan	2007	633	56.3	56.3	20.0	10.8	9.4	3.5	0.0	56.6	56.1
	2011	634	52.3	52.3	24.1	14.8	6.6	2.1	0.0	51.4	53.2
Kuwait	2007	534	18.6	18.6	20.3	16.7	23.9	19.6	0.8	17.1	20.2
	2011	569	20.6	20.6	27.1	19.2	22.2	9.9	0.9	19.4	22.1
Lithuania	2007	561	46.1	46.1	21.9	8.5	15.1	8.4	0.0	42.9	48.9
	2011	692	47.4	47.4	23.3	8.9	15.0	5.0	0.4	48.2	46.8
Netherlands	2007	483	35.8	35.8	26.6	15.9	18.8	2.9	0.0	34.2	37.4
	2011	467	30.9	30.9	32.5	15.5	18.8	2.3	0.0	30.8	31.0
New Zealand	2007	714	32.2	32.2	25.7	14.1	18.5	8.8	0.7	35.1	29.5
	2011	805	32.5	32.5	25.1	16.7	18.6	6.8	0.4	31.9	33.0
Norway	2007	569	24.8	24.8	25.8	15.0	19.6	14.5	0.3	27.6	21.9
	2011	442	29.8	29.8	25.2	12.4	17.3	14.8	0.6	27.9	32.4
Russian Federation	2007	638	57.0	57.0	16.0	7.0	14.5	5.6	0.0	58.0	55.9
	2011	644	57.7	57.7	18.6	7.4	10.3	5.8	0.2	59.5	55.9
Singapore	2007	723	60.7	60.7	17.5	13.0	8.1	0.7	0.0	61.9	59.6
	2011	907	61.7	61.7	19.8	8.4	9.3	0.8	0.0	60.1	63.1
Slovak Republic	2007	716	38.8	38.8	18.6	10.1	15.1	17.4	0.0	40.0	37.5
	2011	803	43.9	43.9	23.4	10.4	13.1	9.2	0.0	47.4	40.5
Slovenia	2007	619	31.7	31.7	22.9	10.2	21.0	14.2	0.0	32.5	31.1
	2011	637	30.7	30.7	24.9	8.5	19.8	15.9	0.1	30.9	30.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_06 (M041125): Number / Applying
Label: Rule to get numbers in column B - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	22.0	22.0	23.7	17.2	17.3	19.6	0.2	19.3	24.9
	2011	685	26.3	26.3	24.5	14.2	14.8	19.7	0.5	24.5	28.2
Tunisia	2007	591	14.4	14.4	20.3	20.5	17.6	22.5	4.7	12.9	15.9
	2011	689	16.0	16.0	21.1	21.6	17.0	22.5	1.9	15.2	16.6
United States	2007	1131	52.6	52.6	21.7	8.4	15.1	2.0	0.2	49.9	55.2
	2011	1782	54.1	54.1	21.5	7.5	14.3	2.3	0.3	52.8	55.2

International Avg. (25)	2007	15771	40.0	40.0	21.4	10.9	15.4	11.8	0.5	39.7	40.2
	2011	17610	41.3	41.3	22.8	11.6	14.2	9.7	0.4	41.6	41.1

Alberta, Canada	2007	589	36.1	36.1	28.1	11.6	18.8	5.1	0.2	34.2	37.9
	2011	517	33.5	33.5	27.5	15.8	18.5	3.6	1.2	31.3	35.5
Ontario, Canada	2007	506	40.5	40.5	24.2	11.7	17.4	5.7	0.6	42.1	38.9
	2011	638	38.8	38.8	26.3	12.6	19.1	2.4	0.8	39.6	37.9
Quebec, Canada	2007	557	35.9	35.9	22.8	11.5	18.2	11.2	0.3	34.3	37.9
	2011	613	38.7	38.7	24.5	13.5	13.2	9.5	0.6	38.5	38.9
Dubai, UAE	2007	437	36.6	36.6	21.2	9.5	22.5	9.8	0.5	40.0	33.6
	2011	870	38.0	38.0	22.6	11.5	19.6	7.9	0.3	37.8	38.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_07 (M041135): Geometric Shapes and Measures / Knowing
Label: A pair of parallel lines - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	578	84.2	84.2	5.1	5.0	3.6	2.1	0.0	83.2	85.1
	2011	876	83.9	83.9	6.6	4.8	3.5	0.9	0.4	84.9	83.0
Austria	2007	689	82.9	82.9	5.9	5.7	2.2	3.3	0.0	83.5	82.2
	2011	672	83.2	83.2	5.6	5.3	2.0	3.9	0.0	83.6	82.8
Chinese Taipei	2007	590	73.4	73.4	4.7	16.6	3.0	2.3	0.0	74.7	72.1
	2011	614	93.3	93.3	1.1	3.8	0.7	1.0	0.0	95.5	91.4
Czech Republic	2007	611	91.8	91.8	0.9	2.8	2.5	1.6	0.5	92.4	91.4
	2011	648	93.1	93.1	1.0	2.1	2.0	1.7	0.1	92.5	93.6
Denmark	2007	499	82.9	82.9	6.5	3.4	2.8	3.0	1.4	82.9	82.9
	2011	580	81.7	81.7	4.5	3.0	4.6	5.4	0.7	79.8	83.8
England	2007	622	80.8	80.8	9.3	4.5	4.1	1.1	0.3	83.3	78.5
	2011	483	80.1	80.1	9.8	3.9	3.6	1.4	1.2	83.3	77.4
Georgia	2007	571	53.8	53.8	7.1	9.2	17.3	10.8	1.8	55.7	52.4
	2011	689	53.5	53.5	13.7	11.9	12.2	7.8	1.0	55.6	51.8
Germany	2007	746	83.2	83.2	6.3	4.1	3.0	3.2	0.2	81.1	84.9
	2011	567	81.2	81.2	7.2	4.1	2.5	4.4	0.6	81.5	80.9
Hong Kong SAR	2007	544	95.5	95.5	0.9	2.7	0.2	0.7	0.0	95.4	95.5
	2011	561	97.5	97.5	1.1	1.3	0.1	0.0	0.0	98.7	96.4
Hungary	2007	574	77.7	77.7	8.3	8.2	1.9	3.2	0.6	76.9	78.6
	2011	742	83.9	83.9	4.3	6.9	2.9	1.3	0.8	85.3	82.6
Iran, Islamic Rep. of	2007	542	90.1	90.1	1.1	2.0	1.6	3.2	1.9	91.1	89.3
	2011	824	84.4	84.4	3.7	3.7	4.3	3.0	0.9	85.0	83.9
Italy	2007	633	87.1	87.1	4.0	3.1	3.2	2.0	0.6	85.1	88.8
	2011	598	86.8	86.8	4.2	4.3	2.6	1.6	0.6	85.3	88.4
Japan	2007	633	55.9	55.9	9.0	24.2	8.1	2.8	0.0	56.6	55.3
	2011	634	92.1	92.1	0.8	2.7	0.7	3.6	0.0	91.2	93.1
Kuwait	2007	534	41.1	41.1	18.8	12.9	14.1	11.3	1.8	43.2	39.0
	2011	577	67.1	67.1	9.8	6.9	9.5	5.6	1.2	71.9	61.3
Lithuania	2007	560	55.7	55.7	17.0	13.3	7.3	6.5	0.1	59.0	52.8
	2011	692	66.2	66.2	13.4	11.3	6.7	2.0	0.4	66.6	65.9
Netherlands	2007	483	57.9	57.9	22.4	7.5	10.1	2.1	0.0	57.5	58.3
	2011	467	53.3	53.3	23.7	5.6	15.2	2.1	0.0	55.7	51.1
New Zealand	2007	714	68.8	68.8	12.7	8.8	6.1	2.9	0.7	68.9	68.7
	2011	805	67.5	67.5	12.4	10.5	6.4	2.7	0.5	71.9	63.5
Norway	2007	569	62.9	62.9	12.7	12.2	5.7	5.3	1.1	64.4	61.3
	2011	442	77.9	77.9	9.4	4.8	4.8	2.5	0.6	79.9	75.0
Russian Federation	2007	638	83.9	83.9	6.5	4.4	4.3	0.8	0.1	84.3	83.4
	2011	644	81.2	81.2	4.7	6.0	6.6	1.4	0.2	81.7	80.7
Singapore	2007	723	95.7	95.7	0.9	2.4	1.1	0.0	0.0	97.2	94.3
	2011	907	97.4	97.4	0.9	1.4	0.3	0.0	0.0	98.7	96.2
Slovak Republic	2007	716	65.7	65.7	7.6	18.3	3.2	4.7	0.6	68.2	63.1
	2011	803	63.8	63.8	8.8	19.8	4.4	3.0	0.2	62.5	65.1
Slovenia	2007	619	91.8	91.8	3.8	1.1	1.5	1.4	0.3	91.2	92.4
	2011	635	90.4	90.4	5.3	1.0	2.0	1.0	0.3	88.8	91.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_07 (M041135): Geometric Shapes and Measures / Knowing
Label: A pair of parallel lines - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	57.1	57.1	14.0	11.0	12.1	5.6	0.3	59.1	54.8
	2011	685	57.1	57.1	14.0	8.3	12.4	7.4	0.8	57.1	57.0
Tunisia	2007	591	50.3	50.3	5.9	6.7	8.6	23.4	5.0	56.4	44.5
	2011	665	56.9	56.9	11.2	7.2	6.2	16.0	2.5	59.5	54.9
United States	2007	1131	91.9	91.9	2.0	1.4	3.3	1.2	0.3	93.0	90.7
	2011	1782	91.6	91.6	2.3	1.6	2.3	1.7	0.5	94.3	89.3
International Avg. (25)	2007	15770	74.5	74.5	7.7	7.7	5.2	4.2	0.7	75.4	73.6
	2011	17592	78.6	78.6	7.2	5.7	4.7	3.3	0.5	79.6	77.6
Alberta, Canada	2007	589	75.1	75.1	9.9	8.1	2.9	3.6	0.4	76.7	73.7
	2011	517	66.6	66.6	17.1	7.4	6.0	1.6	1.2	62.8	70.3
Ontario, Canada	2007	506	85.2	85.2	7.8	3.4	2.1	0.9	0.6	82.5	88.0
	2011	638	84.7	84.7	6.9	2.9	3.5	0.9	1.2	83.2	86.3
Quebec, Canada	2007	557	88.4	88.4	2.9	3.5	1.2	3.7	0.3	88.7	88.0
	2011	613	88.8	88.8	3.3	4.7	0.4	1.7	1.0	91.8	86.2
Dubai, UAE	2007	437	69.4	69.4	8.5	9.0	7.0	5.6	0.5	73.3	65.7
	2011	870	69.9	69.9	11.1	6.9	9.0	2.6	0.5	73.3	67.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_08 (M041257): Geometric Shapes and Measures / Knowing
Label: Statements about a rectangle - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	579	38.8	32.2	27.6	1.0	0.4	38.8	39.3	38.4
	2011	876	41.6	30.7	26.4	0.8	0.4	41.6	41.7	41.6
Austria	2007	689	30.1	35.2	33.6	1.1	0.0	30.1	28.5	31.7
	2011	672	34.7	33.5	31.1	0.7	0.0	34.7	34.7	34.8
Chinese Taipei	2007	590	49.0	35.6	15.1	0.4	0.0	49.0	49.0	49.0
	2011	614	71.8	19.7	8.0	0.5	0.0	71.8	75.8	68.4
Czech Republic	2007	611	29.2	29.8	36.7	3.8	0.5	29.2	28.7	29.5
	2011	648	38.3	32.9	25.1	3.5	0.1	38.3	37.4	39.2
Denmark	2007	504	43.3	29.1	24.1	2.1	1.4	43.3	40.1	46.6
	2011	580	48.4	25.9	21.2	3.5	1.0	48.4	49.8	46.8
England	2007	622	54.4	28.9	15.7	0.8	0.3	54.4	56.5	52.4
	2011	483	54.4	27.3	16.7	0.5	1.2	54.4	57.2	52.0
Georgia	2007	571	16.8	9.4	54.7	17.1	1.9	16.8	16.1	17.4
	2011	689	22.6	19.3	50.9	5.8	1.4	22.6	22.4	22.8
Germany	2007	746	24.3	32.4	41.4	1.6	0.3	24.3	21.8	26.5
	2011	567	29.5	28.4	39.6	1.9	0.6	29.5	28.8	30.2
Hong Kong SAR	2007	544	71.7	12.9	15.1	0.4	0.0	71.7	74.8	69.0
	2011	561	74.1	11.6	14.1	0.2	0.0	74.1	73.3	74.8
Hungary	2007	574	33.6	32.0	31.5	1.9	0.9	33.6	36.9	30.1
	2011	742	34.3	33.4	31.0	0.5	0.8	34.3	40.4	29.0
Iran, Islamic Rep. of	2007	542	24.2	37.8	34.0	2.0	1.9	24.2	25.4	23.2
	2011	824	33.1	33.1	30.6	2.0	1.2	33.1	29.9	36.2
Italy	2007	635	53.7	24.1	19.9	1.7	0.6	53.7	54.0	53.4
	2011	598	52.0	22.9	22.4	2.0	0.7	52.0	52.1	51.9
Japan	2007	633	50.1	23.0	26.8	0.1	0.0	50.1	54.9	45.4
	2011	634	54.7	20.7	23.7	0.9	0.0	54.7	56.3	53.1
Kuwait	2007	534	13.5	30.8	46.1	7.8	1.8	13.5	17.6	9.3
	2011	584	15.1	24.7	54.4	4.3	1.4	15.1	18.1	11.6
Lithuania	2007	561	30.5	39.0	27.1	3.4	0.1	30.5	35.0	26.6
	2011	692	35.6	34.3	28.9	0.8	0.4	35.6	37.1	34.3
Netherlands	2007	483	19.6	43.7	35.9	0.8	0.0	19.6	23.4	15.9
	2011	467	23.8	35.6	40.7	0.0	0.0	23.8	24.0	23.5
New Zealand	2007	714	21.0	41.8	34.9	1.5	0.7	21.0	23.5	18.7
	2011	805	18.1	41.0	38.8	1.4	0.8	18.1	19.5	16.8
Norway	2007	569	27.0	26.1	43.8	1.9	1.2	27.0	29.0	24.8
	2011	442	38.9	23.3	35.1	2.0	0.7	38.9	41.9	34.8
Russian Federation	2007	638	52.8	25.1	20.3	1.8	0.1	52.8	57.9	47.0
	2011	644	55.1	24.7	17.9	2.1	0.2	55.1	60.5	49.8
Singapore	2007	723	77.6	15.7	6.7	0.0	0.0	77.6	76.2	79.0
	2011	907	76.7	18.1	5.2	0.0	0.0	76.7	80.5	73.2
Slovak Republic	2007	716	35.6	35.9	25.2	2.7	0.6	35.6	37.3	33.8
	2011	803	41.6	33.4	23.3	1.5	0.2	41.6	40.2	43.0
Slovenia	2007	619	42.8	31.3	24.0	1.6	0.3	42.8	40.8	44.7
	2011	638	42.9	30.5	24.8	1.4	0.3	42.9	45.7	40.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M09_08 (M041257): Geometric Shapes and Measures / Knowing
Label: Statements about a rectangle - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	25.6	34.6	37.5	2.1	0.3	25.6	25.4	25.8
	2011	685	29.2	34.0	33.4	2.3	1.1	29.2	30.6	27.8
Tunisia	2007	591	14.5	29.1	48.7	2.0	5.7	14.5	14.2	14.7
	2011	703	23.7	32.0	40.2	1.1	3.0	23.7	24.1	23.4
United States	2007	1131	48.8	27.0	22.9	0.9	0.3	48.8	47.5	50.2
	2011	1782	52.4	28.3	17.5	1.2	0.6	52.4	52.3	52.5

International Avg. (25)	2007	15779	37.1	29.7	30.0	2.4	0.8	37.1	38.1	36.1
	2011	17640	41.7	28.0	28.0	1.6	0.6	41.7	43.0	40.5

Alberta, Canada	2007	589	25.8	38.4	33.9	1.6	0.4	25.8	24.6	26.8
	2011	516	20.2	43.2	34.1	1.3	1.2	20.2	22.8	17.8
Ontario, Canada	2007	506	44.8	38.6	15.3	0.6	0.6	44.8	43.1	46.6
	2011	638	54.4	29.6	14.2	0.7	1.2	54.4	53.9	54.8
Quebec, Canada	2007	557	51.5	25.4	19.9	2.9	0.3	51.5	52.4	50.4
	2011	613	59.7	26.0	12.3	1.1	1.0	59.7	60.5	59.0
Dubai, UAE	2007	437	23.5	37.1	36.3	2.6	0.5	23.5	27.1	19.9
	2011	870	27.2	38.3	32.4	1.5	0.5	27.2	28.6	26.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M09_09 (M041268): Geometric Shapes and Measures / Applying
Label: What is the length of side A - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	576	33.4	20.5	33.4	25.9	14.4	5.3	0.4	32.4	34.3
	2011	876	35.8	22.3	35.8	22.6	14.1	4.3	0.9	34.0	37.5
Austria	2007	689	25.7	17.6	25.7	21.7	20.6	14.4	0.0	22.2	29.3
	2011	672	27.9	23.5	27.9	22.6	13.9	12.1	0.0	26.5	29.2
Chinese Taipei	2007	590	45.9	14.6	45.9	18.3	19.8	1.5	0.0	39.7	51.8
	2011	614	47.7	14.9	47.7	16.2	20.5	0.7	0.0	44.7	50.2
Czech Republic	2007	611	27.4	24.4	27.4	18.8	16.8	11.9	0.7	23.4	30.2
	2011	648	30.8	23.5	30.8	16.8	20.5	8.2	0.2	28.0	33.4
Denmark	2007	505	34.5	19.7	34.5	21.0	10.5	12.9	1.4	34.0	35.1
	2011	580	35.6	22.4	35.6	18.1	11.8	10.4	1.6	34.7	36.7
England	2007	622	41.1	17.1	41.1	20.7	13.7	7.2	0.3	41.5	40.7
	2011	483	39.9	19.9	39.9	19.3	14.2	5.5	1.2	40.9	39.1
Georgia	2007	570	29.5	17.0	29.5	17.2	17.2	14.9	4.4	30.5	28.7
	2011	689	31.2	22.2	31.2	21.2	17.2	6.4	1.9	30.7	31.6
Germany	2007	746	32.7	19.5	32.7	22.0	14.3	10.7	0.7	28.0	36.8
	2011	567	31.9	26.7	31.9	19.6	13.7	7.6	0.6	34.1	29.7
Hong Kong SAR	2007	544	58.4	14.3	58.4	14.7	11.8	0.8	0.0	52.3	63.5
	2011	561	59.0	16.0	59.0	15.7	8.9	0.4	0.0	57.2	60.7
Hungary	2007	574	27.6	20.5	27.6	22.6	20.1	8.3	0.9	24.5	30.8
	2011	742	26.9	22.6	26.9	24.5	19.6	5.6	0.8	24.1	29.4
Iran, Islamic Rep. of	2007	542	20.7	31.1	20.7	18.8	18.1	8.9	2.4	18.4	22.9
	2011	824	23.4	29.3	23.4	16.8	20.7	8.5	1.3	23.7	23.0
Italy	2007	634	35.4	17.9	35.4	16.7	17.1	11.7	1.2	34.0	36.7
	2011	598	30.9	23.1	30.9	18.8	17.5	8.7	1.1	30.0	31.8
Japan	2007	633	44.7	16.3	44.7	15.2	21.8	2.1	0.0	43.6	45.8
	2011	634	42.5	18.1	42.5	17.1	20.9	1.2	0.1	38.3	46.9
Kuwait	2007	534	18.3	19.0	18.3	27.3	19.8	12.6	2.9	16.0	20.7
	2011	577	25.7	23.2	25.7	21.0	19.5	8.7	1.8	25.3	26.1
Lithuania	2007	561	33.8	28.2	33.8	16.9	15.9	4.9	0.2	37.7	30.3
	2011	692	37.1	30.7	37.1	17.3	9.1	5.3	0.4	34.3	39.5
Netherlands	2007	483	33.4	18.4	33.4	32.1	13.8	2.2	0.0	30.4	36.3
	2011	467	33.9	22.4	33.9	28.4	12.4	2.9	0.0	33.7	34.1
New Zealand	2007	714	29.1	26.7	29.1	25.2	12.1	6.2	0.7	29.1	29.1
	2011	805	31.5	25.9	31.5	26.5	12.8	2.6	0.8	30.9	32.1
Norway	2007	569	27.9	22.1	27.9	21.4	14.9	12.3	1.4	29.1	26.6
	2011	442	26.5	27.3	26.5	25.7	11.1	7.9	1.5	23.0	31.2
Russian Federation	2007	638	44.5	18.1	44.5	16.6	15.1	5.5	0.1	45.7	43.2
	2011	643	45.0	22.0	45.0	15.3	12.5	4.8	0.3	40.2	49.8
Singapore	2007	723	65.1	13.0	65.1	14.4	6.8	0.7	0.0	62.6	67.5
	2011	907	65.9	13.0	65.9	13.5	7.3	0.4	0.0	64.5	67.2
Slovak Republic	2007	716	33.8	26.9	33.8	15.7	15.0	8.1	0.6	37.2	30.2
	2011	803	33.7	32.4	33.7	17.4	11.0	5.2	0.3	34.0	33.4
Slovenia	2007	619	27.6	28.3	27.6	20.2	14.3	8.9	0.8	22.6	32.1
	2011	637	33.8	28.2	33.8	18.3	9.3	10.1	0.3	31.8	35.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_09 (M041268): Geometric Shapes and Measures / Applying
Label: What is the length of side A - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	38.0	19.9	38.0	20.6	10.8	9.5	1.2	36.1	40.2
	2011	685	36.4	18.6	36.4	21.3	12.2	9.9	1.6	37.8	34.9
Tunisia	2007	591	15.7	18.9	15.7	28.3	14.6	16.5	6.0	17.6	13.9
	2011	691	16.9	24.2	16.9	29.3	15.0	11.2	3.3	16.0	17.6
United States	2007	1131	41.1	19.2	41.1	20.5	16.3	2.5	0.4	40.3	41.9
	2011	1782	37.5	21.3	37.5	19.7	18.0	2.8	0.6	38.5	36.6
International Avg. (25)	2007	15775	34.6	20.4	34.6	20.5	15.4	8.0	1.1	33.2	35.9
	2011	17619	35.5	22.9	35.5	20.1	14.6	6.1	0.8	34.3	36.7
Alberta, Canada	2007	589	32.5	22.3	32.5	24.0	16.6	4.2	0.4	29.7	35.0
	2011	517	28.9	24.0	28.9	24.4	17.9	3.5	1.3	26.3	31.4
Ontario, Canada	2007	506	35.5	26.3	35.5	20.4	14.0	3.2	0.6	29.8	41.5
	2011	638	36.3	21.5	36.3	22.6	16.2	2.2	1.2	37.2	35.4
Quebec, Canada	2007	557	30.8	17.8	30.8	22.9	15.7	12.5	0.3	27.2	34.9
	2011	613	29.5	18.9	29.5	28.1	15.3	7.1	1.0	22.8	35.4
Dubai, UAE	2007	437	29.9	25.8	29.9	18.3	15.9	9.4	0.8	31.8	28.0
	2011	870	32.1	25.5	32.1	21.2	15.1	5.6	0.5	28.7	34.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_10 (M041151): Geometric Shapes and Measures / Reasoning
Label: Shape makes a cube when folded - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	578	89.9	2.4	2.5	89.9	3.2	1.6	0.4	86.4	93.2
	2011	876	91.1	1.9	3.1	91.1	1.7	1.3	0.9	93.5	88.8
Austria	2007	689	81.3	5.7	7.3	81.3	3.1	2.7	0.0	81.5	81.2
	2011	672	84.6	4.4	4.1	84.6	3.9	3.1	0.0	84.8	84.4
Chinese Taipei	2007	590	83.8	3.4	2.3	83.8	5.3	5.3	0.0	82.8	84.7
	2011	614	61.3	9.2	15.5	61.3	10.9	3.1	0.0	61.4	61.2
Czech Republic	2007	611	40.9	12.2	17.3	40.9	17.6	10.9	1.1	36.9	43.6
	2011	648	46.1	12.6	19.8	46.1	16.7	4.6	0.2	45.3	46.8
Denmark	2007	501	72.4	5.7	9.4	72.4	8.4	2.1	1.9	72.4	72.4
	2011	580	67.6	7.5	12.0	67.6	7.4	3.4	2.1	68.3	66.9
England	2007	622	86.9	3.9	4.0	86.9	3.7	1.1	0.3	87.2	86.7
	2011	483	86.9	4.1	2.7	86.9	3.8	0.8	1.7	87.6	86.4
Georgia	2007	571	50.4	14.6	6.6	50.4	16.2	7.4	4.9	45.2	54.1
	2011	688	40.3	20.5	12.6	40.3	19.9	4.6	2.1	41.7	39.2
Germany	2007	746	82.8	1.3	2.9	82.8	3.6	8.6	0.9	83.4	82.3
	2011	567	83.6	2.4	1.4	83.6	2.3	9.6	0.8	83.8	83.4
Hong Kong SAR	2007	544	82.6	3.6	8.1	82.6	4.5	1.1	0.0	82.7	82.6
	2011	561	75.5	5.6	10.5	75.5	8.0	0.5	0.0	73.8	77.0
Hungary	2007	574	71.8	5.6	10.3	71.8	7.5	3.6	1.2	70.5	73.2
	2011	742	74.2	6.4	8.1	74.2	7.7	2.3	1.4	73.9	74.4
Iran, Islamic Rep. of	2007	542	61.7	7.9	16.9	61.7	5.3	4.8	3.3	65.7	57.9
	2011	824	63.0	10.4	13.4	63.0	7.8	3.2	2.3	65.4	60.6
Italy	2007	633	63.2	6.1	13.9	63.2	12.5	2.4	1.9	66.8	60.0
	2011	598	56.7	8.4	18.1	56.7	13.7	1.7	1.3	55.1	58.3
Japan	2007	633	77.8	4.6	7.5	77.8	8.2	1.8	0.1	76.6	79.0
	2011	634	88.9	1.0	0.8	88.9	3.0	6.2	0.1	87.0	90.8
Kuwait	2007	534	23.5	17.0	28.4	23.5	19.2	7.3	4.5	23.5	23.6
	2011	577	23.1	23.0	20.1	23.1	24.2	7.3	2.4	22.9	23.3
Lithuania	2007	561	83.3	6.4	6.0	83.3	2.7	1.2	0.3	85.1	81.7
	2011	692	84.2	5.1	4.2	84.2	5.2	1.0	0.4	83.4	84.8
Netherlands	2007	483	69.0	5.5	12.5	69.0	10.6	2.5	0.0	68.4	69.6
	2011	467	76.9	7.0	8.6	76.9	5.7	1.5	0.2	76.8	77.1
New Zealand	2007	714	84.9	3.1	5.8	84.9	3.4	2.1	0.7	84.4	85.4
	2011	805	79.3	5.7	7.1	79.3	5.2	1.9	0.8	78.2	80.3
Norway	2007	569	71.2	5.5	13.0	71.2	5.6	2.8	1.8	77.7	64.3
	2011	442	72.2	5.6	12.5	72.2	6.0	1.5	2.3	68.6	77.1
Russian Federation	2007	638	58.6	11.6	13.1	58.6	11.2	5.3	0.1	58.9	58.3
	2011	644	52.1	12.4	18.5	52.1	14.3	2.4	0.3	51.4	52.7
Singapore	2007	723	74.1	5.3	14.3	74.1	6.2	0.2	0.0	74.0	74.1
	2011	907	67.5	4.8	21.4	67.5	5.9	0.5	0.0	66.5	68.4
Slovak Republic	2007	716	43.7	15.8	16.1	43.7	15.7	8.1	0.6	46.7	40.7
	2011	803	39.8	18.7	18.7	39.8	18.2	4.1	0.5	39.2	40.5
Slovenia	2007	619	60.0	8.9	16.2	60.0	9.8	4.0	1.0	62.7	57.6
	2011	635	63.2	8.2	14.8	63.2	10.8	2.0	1.0	69.4	58.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_10 (M041151): Geometric Shapes and Measures / Reasoning
Label: Shape makes a cube when folded - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	60.4	4.3	21.7	60.4	8.6	3.2	1.7	62.0	58.7
	2011	685	63.7	5.8	17.9	63.7	8.1	2.7	1.7	62.0	65.6
Tunisia	2007	591	32.4	10.4	15.0	32.4	17.3	17.1	7.7	36.0	29.0
	2011	685	32.4	13.5	18.6	32.4	18.5	12.6	4.4	34.2	30.9
United States	2007	1131	74.1	3.5	14.9	74.1	6.2	0.4	1.0	75.4	72.8
	2011	1782	70.9	3.7	16.5	70.9	6.1	1.8	1.0	72.2	69.8
International Avg. (25)	2007	15773	67.2	7.0	11.4	67.2	8.6	4.3	1.4	67.7	66.7
	2011	17611	65.8	8.3	12.0	65.8	9.4	3.3	1.1	65.9	65.9
Alberta, Canada	2007	589	83.5	4.1	6.2	83.5	4.0	1.7	0.6	83.3	83.6
	2011	517	74.3	6.5	10.2	74.3	6.3	1.4	1.3	74.1	74.4
Ontario, Canada	2007	506	83.1	5.9	6.9	83.1	2.9	0.6	0.6	81.7	84.5
	2011	638	81.6	4.9	7.9	81.6	3.0	1.0	1.6	82.5	80.6
Quebec, Canada	2007	557	79.5	5.7	6.5	79.5	3.8	4.1	0.4	77.6	81.7
	2011	613	72.2	9.8	7.0	72.2	7.0	2.5	1.4	67.5	76.4
Dubai, UAE	2007	437	47.8	10.1	20.2	47.8	15.9	4.8	1.2	55.8	40.4
	2011	870	55.8	7.9	20.4	55.8	13.6	1.5	0.8	57.4	54.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_11 (M041264): Geometric Shapes and Measures / Applying
Label: What is the area of the triangle - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	578	69.1	69.1	13.0	7.8	6.5	3.1	0.5	67.0	71.0
	2011	876	70.8	70.8	11.4	9.3	5.3	2.1	1.0	70.9	70.8
Austria	2007	689	64.1	64.1	15.9	9.9	5.5	4.6	0.0	64.7	63.5
	2011	672	60.1	60.1	16.9	14.1	4.2	4.8	0.0	58.3	61.8
Chinese Taipei	2007	590	86.8	86.8	4.8	6.3	1.9	0.3	0.0	88.1	85.5
	2011	614	67.7	67.7	7.9	19.3	3.5	1.1	0.5	68.3	67.2
Czech Republic	2007	611	51.7	51.7	16.4	14.4	8.8	7.6	1.1	50.5	52.6
	2011	648	51.6	51.6	18.6	17.3	7.2	5.1	0.2	49.6	53.5
Denmark	2007	505	67.4	67.4	8.2	14.4	4.2	3.5	2.3	65.8	69.0
	2011	580	60.7	60.7	9.7	17.3	4.0	6.1	2.2	58.9	62.7
England	2007	622	59.6	59.6	13.3	15.5	9.0	2.2	0.4	59.3	59.9
	2011	483	54.7	54.7	14.1	20.0	6.6	3.0	1.7	55.5	54.0
Georgia	2007	571	34.1	34.1	22.3	16.2	10.7	10.8	5.9	30.6	36.7
	2011	688	33.4	33.4	22.6	27.2	7.6	6.6	2.6	35.2	32.0
Germany	2007	746	61.9	61.9	12.8	15.8	6.0	2.6	0.9	62.1	61.7
	2011	567	55.3	55.3	14.1	20.1	6.9	2.8	0.8	56.7	53.9
Hong Kong SAR	2007	544	80.4	80.4	7.2	10.7	0.9	0.7	0.0	82.0	79.1
	2011	561	75.0	75.0	7.2	13.5	4.0	0.4	0.0	72.9	76.9
Hungary	2007	574	50.1	50.1	17.9	14.9	8.4	7.4	1.3	49.7	50.5
	2011	742	54.0	54.0	15.0	18.7	7.1	3.5	1.7	53.1	54.7
Iran, Islamic Rep. of	2007	542	38.9	38.9	17.5	15.8	16.9	7.5	3.3	35.4	42.2
	2011	824	43.5	43.5	18.6	16.9	13.0	5.4	2.6	40.9	46.1
Italy	2007	634	43.9	43.9	20.8	18.5	4.9	10.0	2.0	38.3	48.8
	2011	598	45.6	45.6	23.4	15.8	6.7	7.2	1.3	45.5	45.7
Japan	2007	633	82.5	82.5	7.1	9.2	0.7	0.4	0.1	82.9	82.1
	2011	634	78.7	78.7	7.7	10.2	2.6	0.7	0.1	79.9	77.5
Kuwait	2007	534	37.3	37.3	19.8	15.2	16.0	6.6	5.1	39.9	34.6
	2011	576	25.4	25.4	29.0	17.5	18.8	6.3	3.0	26.5	24.1
Lithuania	2007	561	56.2	56.2	11.0	20.7	9.9	1.9	0.3	54.0	58.1
	2011	692	59.3	59.3	14.4	20.8	4.0	1.1	0.5	56.8	61.4
Netherlands	2007	483	61.2	61.2	10.7	20.2	6.1	1.4	0.4	58.8	63.5
	2011	467	62.7	62.7	10.5	20.8	5.1	0.4	0.4	63.7	61.8
New Zealand	2007	714	55.7	55.7	19.4	13.0	8.3	2.9	0.7	55.8	55.7
	2011	805	53.1	53.1	23.2	12.1	8.6	2.3	0.8	53.4	52.8
Norway	2007	569	47.4	47.4	17.5	19.4	8.2	5.4	2.1	46.7	48.1
	2011	442	52.7	52.7	14.3	22.4	6.1	2.2	2.3	56.2	47.9
Russian Federation	2007	638	63.7	63.7	14.6	11.2	6.0	3.8	0.8	66.4	60.7
	2011	644	60.1	60.1	14.1	16.0	5.3	4.2	0.3	61.7	58.6
Singapore	2007	723	53.7	53.7	10.0	29.3	6.9	0.1	0.0	54.8	52.7
	2011	907	45.1	45.1	11.4	34.1	9.0	0.3	0.0	46.1	44.1
Slovak Republic	2007	716	49.2	49.2	15.4	18.1	9.2	6.8	1.4	54.6	43.5
	2011	803	53.8	53.8	16.4	20.8	5.5	2.8	0.6	51.7	55.9
Slovenia	2007	619	42.9	42.9	19.5	25.5	6.4	4.7	1.0	40.9	44.7
	2011	638	47.1	47.1	17.3	24.1	6.3	4.0	1.2	46.9	47.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_11 (M041264): Geometric Shapes and Measures / Applying
Label: What is the area of the triangle - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	39.7	39.7	18.8	26.6	6.7	6.5	1.7	38.1	41.5
	2011	685	50.4	50.4	20.2	18.9	5.2	3.6	1.7	46.6	54.5
Tunisia	2007	591	26.8	26.8	19.4	21.9	9.0	13.6	9.4	27.4	26.2
	2011	694	32.0	32.0	20.7	22.9	10.2	9.3	4.9	29.0	34.4
United States	2007	1131	60.5	60.5	14.6	16.2	6.6	1.1	1.0	59.5	61.6
	2011	1782	60.1	60.1	16.8	14.9	5.8	1.5	1.0	62.2	58.1

International Avg. (25)	2007	15778	55.4	55.4	14.7	16.3	7.3	4.6	1.7	54.9	55.7
	2011	17622	54.1	54.1	15.8	18.6	6.7	3.5	1.3	53.9	54.3

Alberta, Canada	2007	589	62.2	62.2	16.1	12.5	6.5	2.1	0.6	61.7	62.6
	2011	517	62.0	62.0	13.4	13.0	8.5	1.2	1.9	64.1	60.0
Ontario, Canada	2007	506	63.0	63.0	14.5	11.6	7.7	2.5	0.7	61.4	64.7
	2011	638	74.9	74.9	11.1	7.0	3.6	1.8	1.6	72.8	77.1
Quebec, Canada	2007	557	65.0	65.0	11.1	12.4	5.5	5.5	0.4	64.9	65.1
	2011	613	66.0	66.0	11.9	10.9	6.5	3.3	1.4	68.6	63.6
Dubai, UAE	2007	437	51.9	51.9	20.4	10.3	9.2	6.7	1.6	55.0	49.1
	2011	870	52.8	52.8	20.0	13.7	10.9	1.7	0.9	46.7	57.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M09_12 (M041182): Data Display / Applying
Label: Complete the table - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	579	91.9	3.4	2.3	1.9	0.5	91.9	94.4	89.5
	2011	876	87.6	6.1	3.1	2.2	1.0	87.6	89.4	85.8
Austria	2007	689	86.9	6.2	3.9	2.6	0.4	86.9	86.0	87.8
	2011	672	87.4	5.9	3.8	2.4	0.5	87.4	87.9	86.9
Chinese Taipei	2007	590	94.7	2.7	2.2	0.4	0.0	94.7	97.2	92.3
	2011	614	92.9	5.3	1.1	0.2	0.5	92.9	94.2	91.9
Czech Republic	2007	611	85.2	4.8	5.1	3.7	1.2	85.2	89.9	82.0
	2011	648	91.2	4.3	3.3	0.9	0.2	91.2	91.5	90.9
Denmark	2007	504	88.6	3.9	2.7	1.8	3.0	88.6	89.5	87.7
	2011	580	85.2	5.9	2.9	3.0	3.0	85.2	87.8	82.4
England	2007	622	92.2	3.2	2.5	1.8	0.4	92.2	93.2	91.2
	2011	483	90.9	4.2	2.4	0.8	1.7	90.9	92.8	89.3
Georgia	2007	571	44.5	21.2	18.1	8.6	7.6	44.5	50.5	40.2
	2011	690	69.0	12.9	10.5	4.7	3.0	69.0	78.0	61.6
Germany	2007	746	91.5	3.6	2.2	1.5	1.2	91.5	91.0	91.9
	2011	567	90.9	4.2	2.5	1.5	1.0	90.9	92.9	88.9
Hong Kong SAR	2007	544	94.0	5.3	0.2	0.5	0.0	94.0	95.1	93.0
	2011	561	93.1	4.8	1.5	0.5	0.2	93.1	93.5	92.7
Hungary	2007	574	80.4	5.3	9.0	2.6	2.7	80.4	84.5	76.1
	2011	742	82.6	5.8	7.5	2.1	2.0	82.6	85.6	79.9
Iran, Islamic Rep. of	2007	542	65.3	8.2	14.7	7.1	4.7	65.3	72.4	58.5
	2011	824	65.7	8.1	15.7	7.0	3.5	65.7	68.8	62.7
Italy	2007	635	87.1	4.9	2.7	2.8	2.6	87.1	88.6	85.7
	2011	598	87.4	6.7	1.3	2.7	1.8	87.4	87.9	86.9
Japan	2007	633	94.8	4.1	0.9	0.1	0.1	94.8	97.3	92.4
	2011	634	95.4	2.9	1.6	0.0	0.1	95.4	97.5	93.2
Kuwait	2007	534	40.9	12.0	28.2	13.2	5.7	40.9	52.9	28.9
	2011	585	42.9	10.2	31.4	11.2	4.3	42.9	52.4	31.6
Lithuania	2007	561	86.8	7.9	2.1	2.6	0.6	86.8	86.9	86.8
	2011	692	91.2	5.0	2.6	0.7	0.5	91.2	91.2	91.1
Netherlands	2007	483	91.5	4.9	2.6	0.7	0.4	91.5	93.2	89.8
	2011	467	93.5	4.3	1.6	0.2	0.4	93.5	95.3	91.9
New Zealand	2007	714	87.2	4.7	5.6	1.7	0.8	87.2	88.3	86.1
	2011	805	86.9	5.4	5.3	1.6	0.8	86.9	88.8	85.3
Norway	2007	569	79.1	9.5	4.7	3.8	2.8	79.1	79.0	79.2
	2011	442	85.3	7.0	3.3	2.2	2.3	85.3	86.6	83.5
Russian Federation	2007	638	84.6	6.6	6.1	1.6	1.1	84.6	83.2	86.2
	2011	644	84.3	4.5	8.1	2.5	0.7	84.3	87.5	81.1
Singapore	2007	723	95.2	2.3	2.0	0.5	0.1	95.2	96.6	93.8
	2011	907	95.6	2.3	1.4	0.7	0.0	95.6	96.1	95.2
Slovak Republic	2007	716	86.3	4.0	5.3	2.7	1.8	86.3	89.1	83.3
	2011	803	90.0	4.0	3.4	1.7	1.0	90.0	90.7	89.3
Slovenia	2007	619	88.3	4.9	3.2	1.9	1.8	88.3	89.4	87.3
	2011	638	88.2	6.7	2.3	1.3	1.4	88.2	91.1	85.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M09_12 (M041182): Data Display / Applying
Label: Complete the table - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	89.2	4.8	2.1	1.3	2.6	89.2	90.4	87.8
	2011	685	87.9	6.7	1.9	1.8	1.7	87.9	90.8	84.7
Tunisia	2007	591	38.6	11.7	25.9	13.7	10.1	38.6	47.5	30.0
	2011	703	45.0	10.2	30.2	9.1	5.6	45.0	49.1	41.7
United States	2007	1131	91.4	4.7	1.3	1.6	1.0	91.4	92.1	90.7
	2011	1782	91.3	4.4	1.8	1.5	1.0	91.3	92.4	90.3

International Avg. (25)	2007	15779	82.2	6.2	6.2	3.2	2.1	82.2	84.7	79.9
	2011	17642	84.0	5.9	6.0	2.5	1.5	84.0	86.4	81.8

Alberta, Canada	2007	589	92.0	3.9	1.8	1.7	0.6	92.0	93.6	90.6
	2011	517	90.0	4.3	2.4	1.3	2.0	90.0	90.5	89.5
Ontario, Canada	2007	506	94.6	1.3	1.9	1.2	1.0	94.6	94.5	94.7
	2011	638	91.6	3.7	1.0	2.1	1.6	91.6	91.8	91.5
Quebec, Canada	2007	557	87.2	3.7	6.1	2.0	1.0	87.2	87.0	87.4
	2011	613	88.6	5.5	2.1	1.8	2.0	88.6	92.4	85.1
Dubai, UAE	2007	437	80.1	6.6	8.3	3.5	1.6	80.1	83.5	76.8
	2011	870	82.3	5.6	8.9	2.2	1.1	82.3	83.4	81.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M09_13 (M041200): Data Display / Applying

Label: Complete and label the bar graph - Points: 2

COUNTRY	YEAR	N	20 %	10 %	11 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	579	58.8	10.0	15.7	11.0	2.9	1.6	84.5	58.8	61.8	56.0
	2011	876	50.5	7.1	23.5	14.8	2.4	1.7	81.0	50.5	52.5	48.5
Austria	2007	689	26.6	8.3	14.5	33.9	15.1	1.6	49.4	26.6	23.5	29.9
	2011	672	30.1	6.7	17.2	34.1	10.5	1.4	54.0	30.1	30.8	29.5
Chinese Taipei	2007	590	64.6	14.1	9.5	9.5	2.2	0.2	88.2	64.6	66.1	63.2
	2011	614	79.0	12.6	0.6	4.3	3.1	0.5	92.1	79.0	76.7	81.0
Czech Republic	2007	611	41.2	12.7	4.6	23.0	16.6	2.0	58.4	41.2	45.1	38.5
	2011	648	46.7	8.8	14.7	17.9	11.5	0.4	70.2	46.7	44.9	48.5
Denmark	2007	504	63.4	18.3	4.5	8.1	2.7	3.0	86.2	63.4	66.5	60.1
	2011	580	68.2	11.2	5.7	7.9	2.8	4.2	85.1	68.2	73.3	62.8
England	2007	622	57.4	7.1	20.1	12.9	1.3	1.2	84.6	57.4	57.6	57.3
	2011	483	55.5	6.5	22.3	11.8	1.6	2.4	84.3	55.5	59.5	52.0
Georgia	2007	571	7.8	7.5	3.2	37.6	32.9	10.9	18.6	7.8	10.1	6.2
	2011	688	32.2	8.4	8.6	28.2	17.7	4.8	49.3	32.2	37.6	27.9
Germany	2007	746	48.5	12.4	16.3	15.2	5.6	2.0	77.2	48.5	48.2	48.8
	2011	567	48.7	7.5	25.2	13.6	3.9	1.2	81.4	48.7	52.9	44.6
Hong Kong SAR	2007	544	83.0	5.9	6.4	4.0	0.7	0.0	95.2	83.0	85.3	81.0
	2011	561	70.2	5.4	17.5	6.5	0.2	0.2	93.1	70.2	71.0	69.6
Hungary	2007	574	49.5	7.7	8.7	21.8	8.2	4.0	66.0	49.5	53.2	45.6
	2011	740	55.8	9.4	13.1	14.8	4.3	2.7	78.2	55.8	55.4	56.1
Iran, Islamic Rep. of	2007	542	17.0	7.7	2.6	39.8	24.8	8.1	27.4	17.0	19.4	14.8
	2011	824	21.4	8.5	5.0	39.9	17.7	7.4	35.0	21.4	21.9	21.0
Italy	2007	634	50.1	10.3	7.4	16.2	12.3	3.7	67.8	50.1	47.1	52.8
	2011	598	46.7	14.3	13.3	18.5	4.1	3.2	74.3	46.7	47.1	46.2
Japan	2007	633	70.5	8.4	11.4	7.9	1.7	0.1	90.3	70.5	75.2	65.8
	2011	634	79.4	7.9	8.3	3.8	0.4	0.1	95.6	79.4	83.8	74.9
Kuwait	2007	534	6.3	4.8	2.7	43.9	29.6	12.6	13.9	6.3	8.0	4.7
	2011	585	19.0	3.0	6.2	47.3	16.9	7.5	28.2	19.0	21.6	15.9
Lithuania	2007	561	58.0	17.1	8.5	12.1	3.2	1.1	83.6	58.0	65.7	51.2
	2011	692	57.7	8.1	15.8	16.4	1.4	0.5	81.7	57.7	61.1	54.8
Netherlands	2007	483	59.5	10.5	11.7	14.2	3.5	0.6	81.8	59.5	63.5	55.7
	2011	467	53.2	7.6	21.0	16.0	1.8	0.4	81.8	53.2	55.1	51.3
New Zealand	2007	714	42.4	8.0	23.5	22.5	2.4	1.2	73.9	42.4	47.2	37.8
	2011	805	45.9	6.1	29.7	16.2	1.2	0.9	81.7	45.9	48.6	43.5
Norway	2007	569	44.1	12.0	14.5	17.1	7.6	4.6	70.7	44.1	44.7	43.4
	2011	442	40.7	5.4	26.0	22.0	3.3	2.7	72.1	40.7	43.0	37.5
Russian Federation	2007	638	54.1	10.0	10.2	17.6	6.9	1.1	74.3	54.1	55.4	52.6
	2011	644	57.6	10.2	11.3	15.4	4.7	0.9	79.1	57.6	64.3	51.1
Singapore	2007	723	73.9	11.2	6.7	6.7	1.4	0.2	91.8	73.9	79.5	68.7
	2011	907	65.1	6.5	18.5	9.1	0.6	0.2	90.1	65.1	66.9	63.5
Slovak Republic	2007	716	42.1	10.5	5.9	23.9	14.9	2.8	58.5	42.1	42.6	41.5
	2011	803	45.6	10.3	10.2	25.1	6.9	1.8	66.2	45.6	45.0	46.3
Slovenia	2007	619	49.1	10.7	13.8	18.5	5.7	2.3	73.6	49.1	48.5	49.6
	2011	638	52.0	11.1	15.3	16.1	3.6	1.9	78.4	52.0	58.9	46.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M09_13 (M041200): Data Display / Applying

Label: Complete and label the bar graph - Points: 2

COUNTRY	YEAR	N	20 %	10 %	11 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	660	57.9	9.7	10.8	12.1	6.0	3.4	78.4	57.9	57.7	58.2
	2011	685	63.2	8.3	16.5	7.5	2.0	2.5	88.0	63.2	68.3	57.5
Tunisia	2007	591	3.8	5.5	2.5	43.1	29.4	15.7	11.7	3.8	4.5	3.0
	2011	703	10.9	7.1	1.0	49.8	23.1	8.1	19.0	10.9	12.1	9.9
United States	2007	1131	52.4	8.4	18.2	14.9	4.5	1.6	78.9	52.4	55.2	49.6
	2011	1782	45.4	4.9	31.1	16.3	1.0	1.3	81.5	45.4	46.3	44.7

International Avg. (25)	2007	15778	47.3	10.0	10.2	19.5	9.7	3.4	67.4	47.3	49.3	45.4
	2011	17638	49.6	8.1	15.1	18.9	5.9	2.4	72.9	49.6	51.9	47.4

Alberta, Canada	2007	589	64.4	14.9	6.6	9.7	3.8	0.7	85.9	64.4	66.9	62.2
	2011	515	56.4	11.3	15.6	11.3	3.0	2.4	83.3	56.4	60.2	52.8
Ontario, Canada	2007	506	68.2	9.1	13.6	4.5	3.3	1.3	90.9	68.2	66.6	69.8
	2011	638	66.3	6.8	18.7	5.2	0.9	2.0	91.8	66.3	69.1	63.4
Quebec, Canada	2007	557	71.3	11.4	2.5	10.2	3.0	1.6	85.2	71.3	75.1	66.8
	2011	613	61.4	6.0	17.4	12.1	1.1	2.0	84.8	61.4	60.3	62.3
Dubai, UAE	2007	437	47.0	10.2	8.0	20.5	11.3	3.0	65.2	47.0	55.8	38.7
	2011	870	45.8	6.2	18.9	21.1	5.9	2.1	71.0	45.8	46.5	45.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M11_01 (M041298): Number / Knowing
Label: Which rectangle is 1/4 shaded - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	85.2	6.0	1.6	4.0	85.2	2.9	0.2	89.0	81.4
	2011	884	82.9	7.3	3.5	4.1	82.9	1.8	0.2	84.7	81.4
Austria	2007	698	59.7	8.6	7.0	20.2	59.7	4.4	0.1	55.5	63.6
	2011	661	54.3	9.3	8.7	19.1	54.3	8.6	0.0	53.5	54.9
Chinese Taipei	2007	593	93.7	3.2	0.3	1.8	93.7	1.0	0.0	95.8	91.9
	2011	608	94.0	2.7	0.0	1.1	94.0	2.2	0.0	94.5	93.6
Czech Republic	2007	602	34.8	21.0	12.6	16.4	34.8	15.3	0.0	37.1	32.5
	2011	646	55.8	13.1	5.2	17.4	55.8	8.5	0.0	59.4	52.7
Denmark	2007	505	79.4	6.5	2.5	9.9	79.4	1.6	0.0	82.4	76.8
	2011	561	78.9	6.8	1.8	8.9	78.9	3.2	0.6	80.6	76.8
England	2007	622	83.8	4.0	4.1	6.4	83.8	1.7	0.0	83.0	84.7
	2011	496	79.3	4.8	3.2	10.3	79.3	2.4	0.0	79.7	79.0
Georgia	2007	599	57.8	8.8	2.0	22.6	57.8	6.6	2.2	62.6	53.6
	2011	683	52.6	9.2	7.0	26.8	52.6	4.3	0.0	56.0	49.3
Germany	2007	721	50.4	8.4	13.5	22.3	50.4	5.3	0.1	45.6	55.3
	2011	567	47.4	11.2	12.1	24.3	47.4	4.9	0.2	38.8	55.2
Hong Kong SAR	2007	537	95.6	3.1	0.3	0.5	95.6	0.4	0.0	97.0	94.3
	2011	562	95.9	3.2	0.2	0.4	95.9	0.3	0.0	97.0	95.0
Hungary	2007	583	74.3	6.1	2.7	10.2	74.3	6.7	0.0	75.5	73.2
	2011	750	76.7	8.0	2.5	7.7	76.7	4.8	0.3	79.7	73.4
Iran, Islamic Rep. of	2007	533	55.8	10.2	9.6	13.4	55.8	9.6	1.5	60.0	51.3
	2011	818	73.5	3.6	5.2	11.0	73.5	6.2	0.4	77.0	70.1
Italy	2007	629	81.0	8.8	1.1	8.3	81.0	0.6	0.1	77.5	84.1
	2011	599	78.4	8.7	1.0	8.7	78.4	3.2	0.1	77.5	79.3
Japan	2007	640	93.4	2.6	0.1	1.2	93.4	2.6	0.1	93.9	92.8
	2011	624	94.6	0.6	0.0	0.9	94.6	3.9	0.0	94.5	94.6
Kuwait	2007	535	40.8	23.5	6.2	19.9	40.8	8.7	0.9	45.2	36.2
	2011	588	48.1	15.9	4.7	18.6	48.1	12.1	0.7	55.1	39.3
Lithuania	2007	578	80.1	7.3	1.1	6.7	80.1	4.7	0.0	82.0	77.9
	2011	657	81.4	4.5	2.3	7.3	81.4	4.5	0.0	83.1	80.0
Netherlands	2007	473	91.1	2.7	2.1	3.8	91.1	0.3	0.0	92.1	90.2
	2011	459	91.4	1.9	0.9	4.6	91.4	1.1	0.0	91.4	92.0
New Zealand	2007	724	79.1	6.4	2.4	9.4	79.1	2.7	0.0	79.8	78.3
	2011	800	77.7	8.7	2.6	8.8	77.7	2.2	0.0	81.0	74.1
Norway	2007	597	59.1	13.8	6.1	15.6	59.1	5.4	0.0	57.8	60.5
	2011	438	68.1	11.4	3.5	10.6	68.1	5.4	1.0	74.9	61.8
Russian Federation	2007	643	76.7	5.8	3.4	11.8	76.7	1.8	0.5	75.1	78.3
	2011	645	77.3	5.5	4.0	12.7	77.3	0.6	0.0	76.7	77.8
Singapore	2007	730	95.0	3.0	0.5	1.1	95.0	0.5	0.0	96.1	93.8
	2011	915	93.2	3.3	0.7	1.9	93.2	0.9	0.0	95.4	91.0
Slovak Republic	2007	706	65.3	9.3	4.9	16.0	65.3	4.6	0.0	65.9	64.7
	2011	814	66.9	12.4	2.6	14.2	66.9	3.8	0.0	71.2	63.1
Slovenia	2007	630	76.6	6.6	3.9	8.0	76.6	4.4	0.4	77.3	76.0
	2011	644	86.5	4.7	1.5	6.2	86.5	1.0	0.1	87.3	85.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_01 (M041298): Number / Knowing
Label: Which rectangle is 1/4 shaded - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	58.4	17.5	7.4	12.7	58.4	3.9	0.2	60.3	56.6
	2011	630	65.7	15.1	3.1	11.6	65.7	4.2	0.3	68.9	62.8
Tunisia	2007	588	14.0	12.0	14.2	28.6	14.0	27.2	4.0	14.2	13.9
	2011	681	25.9	14.6	10.4	30.2	25.9	18.1	0.8	26.4	25.5
United States	2007	1135	93.0	3.4	0.1	2.5	93.0	1.0	0.1	94.2	91.8
	2011	1776	91.3	5.0	0.3	2.6	91.3	0.6	0.1	91.7	90.9
International Avg. (25)	2007	15857	71.0	8.3	4.4	10.9	71.0	5.0	0.4	71.8	70.1
	2011	17506	73.5	7.7	3.5	10.8	73.5	4.4	0.2	75.0	72.0
Alberta, Canada	2007	577	84.6	5.8	1.6	5.9	84.6	1.9	0.2	85.1	84.2
	2011	525	86.3	8.2	1.2	3.6	86.3	0.7	0.0	88.7	83.9
Ontario, Canada	2007	492	79.6	8.9	4.8	6.5	79.6	0.2	0.0	78.2	81.0
	2011	654	82.2	8.2	2.8	6.2	82.2	0.6	0.0	83.0	81.4
Quebec, Canada	2007	569	86.7	3.8	1.0	4.6	86.7	3.9	0.0	86.1	87.4
	2011	609	83.5	5.1	0.4	6.7	83.5	4.3	0.0	85.2	81.9
Dubai, UAE	2007	450	64.9	10.7	1.8	14.7	64.9	7.8	0.0	65.9	64.1
	2011	871	77.8	7.4	1.6	9.1	77.8	4.0	0.1	79.3	76.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_02 (M041007): Number / Knowing
Label: Which could be Pat's number - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	48.8	13.5	11.6	24.1	48.8	1.7	0.3	49.4	48.2
	2011	884	44.7	14.6	17.3	21.7	44.7	1.5	0.2	45.8	43.6
Austria	2007	698	45.2	6.5	17.9	24.9	45.2	5.4	0.1	44.4	45.8
	2011	661	49.6	9.6	14.4	22.7	49.6	3.8	0.0	45.0	53.4
Chinese Taipei	2007	593	72.7	4.6	6.0	16.4	72.7	0.3	0.0	73.4	72.1
	2011	608	79.2	4.6	5.2	10.6	79.2	0.5	0.0	80.2	78.4
Czech Republic	2007	602	56.5	10.0	9.2	17.0	56.5	7.3	0.0	57.8	55.3
	2011	646	53.8	9.1	9.4	22.0	53.8	5.7	0.0	56.1	51.9
Denmark	2007	506	48.2	10.0	11.7	20.2	48.2	9.9	0.0	50.0	46.6
	2011	561	49.6	10.8	11.7	20.1	49.6	7.2	0.6	46.7	52.9
England	2007	622	50.8	9.7	12.3	23.8	50.8	3.4	0.0	53.2	48.3
	2011	496	49.2	11.0	13.6	22.9	49.2	3.3	0.0	51.0	47.4
Georgia	2007	599	32.0	17.2	21.5	18.3	32.0	8.0	3.0	30.1	33.6
	2011	683	46.3	12.4	18.4	17.1	46.3	5.9	0.1	48.6	44.1
Germany	2007	721	55.1	5.3	12.5	20.5	55.1	6.4	0.1	50.5	59.8
	2011	567	55.0	7.5	10.8	21.5	55.0	5.0	0.2	49.9	59.7
Hong Kong SAR	2007	537	68.3	5.3	6.9	19.1	68.3	0.4	0.0	67.1	69.5
	2011	562	73.5	4.4	7.0	14.5	73.5	0.6	0.0	74.5	72.7
Hungary	2007	583	60.2	10.8	10.8	12.1	60.2	4.9	1.0	61.9	58.6
	2011	750	61.2	11.3	9.5	15.2	61.2	2.5	0.4	62.9	59.2
Iran, Islamic Rep. of	2007	533	40.7	16.1	14.6	21.0	40.7	6.3	1.5	41.7	39.5
	2011	818	33.6	15.0	23.6	23.3	33.6	4.0	0.4	34.1	33.2
Italy	2007	640	46.8	5.3	18.1	23.9	46.8	5.7	0.1	51.4	42.7
	2011	599	44.8	7.1	16.0	27.6	44.8	4.4	0.1	44.9	44.6
Japan	2007	640	76.4	4.3	7.6	10.5	76.4	1.0	0.1	76.3	76.5
	2011	624	79.1	7.1	5.1	8.3	79.1	0.4	0.0	76.9	80.9
Kuwait	2007	535	30.8	16.6	28.7	14.5	30.8	8.5	0.9	32.3	29.3
	2011	584	19.3	20.7	30.1	18.4	19.3	10.8	0.8	20.1	18.3
Lithuania	2007	578	38.8	8.8	18.8	27.7	38.8	5.6	0.2	37.1	40.9
	2011	657	44.8	7.9	13.3	31.4	44.8	2.6	0.0	43.6	45.7
Netherlands	2007	473	55.0	7.2	14.4	22.4	55.0	1.0	0.0	56.0	54.0
	2011	459	55.4	9.3	13.7	19.9	55.4	1.7	0.0	58.5	50.9
New Zealand	2007	724	39.0	14.6	16.6	27.7	39.0	1.8	0.2	42.5	35.4
	2011	800	41.2	14.6	16.3	25.4	41.2	2.6	0.0	40.1	42.2
Norway	2007	597	40.3	11.5	17.9	24.4	40.3	5.6	0.2	37.6	43.5
	2011	438	43.8	12.8	14.9	21.4	43.8	6.1	1.0	43.3	44.3
Russian Federation	2007	643	58.9	4.0	12.4	21.8	58.9	2.3	0.5	59.8	58.0
	2011	645	58.5	5.5	7.5	26.5	58.5	2.1	0.0	60.0	57.0
Singapore	2007	730	44.0	6.1	12.8	36.8	44.0	0.3	0.0	43.0	45.0
	2011	915	47.5	5.3	11.8	34.8	47.5	0.6	0.0	47.0	48.0
Slovak Republic	2007	706	62.5	7.3	14.1	10.5	62.5	5.6	0.0	67.0	57.9
	2011	814	69.8	9.1	8.3	10.6	69.8	2.2	0.0	76.6	63.8
Slovenia	2007	630	39.3	10.2	15.8	29.9	39.3	4.4	0.4	37.3	41.1
	2011	642	38.9	11.2	15.1	29.8	38.9	4.9	0.1	40.5	37.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_02 (M041007): Number / Knowing
Label: Which could be Pat's number - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	48.0	9.0	12.1	26.4	48.0	4.4	0.2	47.9	48.0
	2011	630	48.5	15.1	13.8	17.4	48.5	4.9	0.3	50.3	47.0
Tunisia	2007	588	28.7	14.5	17.8	18.0	28.7	16.8	4.2	30.7	27.0
	2011	684	33.9	16.9	22.3	16.8	33.9	8.9	1.2	31.9	35.8
United States	2007	1135	54.8	8.4	13.7	21.4	54.8	1.6	0.1	53.1	56.5
	2011	1776	55.4	10.2	12.3	21.1	55.4	0.9	0.1	51.6	59.5
International Avg. (25)	2007	15869	49.7	9.5	14.2	21.3	49.7	4.7	0.5	50.1	49.3
	2011	17503	51.1	10.5	13.7	20.8	51.1	3.7	0.2	51.2	50.9
Alberta, Canada	2007	577	43.4	11.3	13.9	27.7	43.4	3.5	0.2	43.6	43.2
	2011	525	47.9	11.7	15.8	24.0	47.9	0.6	0.0	47.1	48.7
Ontario, Canada	2007	492	50.2	10.0	13.0	25.9	50.2	0.9	0.0	45.0	55.5
	2011	654	41.2	9.8	16.1	31.6	41.2	1.3	0.0	35.9	46.3
Quebec, Canada	2007	569	54.4	9.2	9.6	22.4	54.4	4.4	0.0	56.5	52.0
	2011	609	55.9	9.8	10.9	19.2	55.9	4.2	0.0	57.2	54.6
Dubai, UAE	2007	450	39.2	14.3	20.2	21.6	39.2	4.8	0.0	38.5	39.7
	2011	871	46.4	10.8	15.8	23.5	46.4	3.4	0.1	46.0	46.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_03 (M041280): Number / Knowing
Label: Number closest to 1362 ÷ 32 - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	41.2	48.1	41.2	7.0	0.9	2.5	0.3	42.0	40.4
	2011	884	36.6	48.7	36.6	10.7	1.7	2.1	0.2	33.4	39.4
Austria	2007	698	50.8	37.8	50.8	6.3	1.1	3.9	0.1	50.8	50.8
	2011	661	52.6	36.2	52.6	6.1	0.6	4.4	0.0	50.5	54.3
Chinese Taipei	2007	593	85.7	4.5	85.7	6.8	2.4	0.7	0.0	86.2	85.2
	2011	608	80.6	7.5	80.6	9.0	2.3	0.6	0.0	82.3	79.1
Czech Republic	2007	602	28.2	47.9	28.2	7.3	2.5	14.0	0.0	24.9	31.4
	2011	646	35.5	41.0	35.5	12.0	2.5	8.9	0.0	35.0	36.0
Denmark	2007	509	35.1	49.1	35.1	6.7	1.2	7.2	0.6	29.6	39.9
	2011	561	37.7	44.0	37.7	10.3	0.7	6.7	0.7	32.0	44.1
England	2007	622	39.6	43.0	39.6	10.0	2.3	5.1	0.1	33.9	45.6
	2011	496	39.3	41.2	39.3	14.7	1.7	3.0	0.0	39.8	38.8
Georgia	2007	598	43.9	28.5	43.9	13.5	3.5	7.6	3.0	41.3	46.1
	2011	682	41.4	30.8	41.4	10.2	6.1	11.4	0.1	42.2	40.7
Germany	2007	721	43.7	38.3	43.7	9.3	2.0	6.6	0.1	35.7	51.8
	2011	567	42.5	41.5	42.5	8.0	1.6	6.2	0.2	36.1	48.4
Hong Kong SAR	2007	537	77.6	9.7	77.6	9.4	2.0	1.3	0.0	78.0	77.1
	2011	562	73.7	9.7	73.7	13.1	2.8	0.7	0.0	75.7	72.1
Hungary	2007	583	52.0	32.4	52.0	5.1	1.3	8.1	1.0	48.3	55.5
	2011	750	46.8	37.6	46.8	9.9	1.5	3.9	0.4	44.5	49.3
Iran, Islamic Rep. of	2007	534	28.5	46.8	28.5	10.8	5.7	6.3	1.9	25.8	31.3
	2011	818	35.8	36.9	35.8	15.2	4.3	7.2	0.6	35.3	36.3
Italy	2007	641	51.1	30.8	51.1	9.1	1.5	7.3	0.3	49.3	52.8
	2011	599	50.9	28.5	50.9	10.6	2.2	7.7	0.1	49.3	52.6
Japan	2007	640	65.3	25.4	65.3	7.2	0.6	1.4	0.1	67.4	63.2
	2011	624	70.6	18.2	70.6	8.4	2.3	0.4	0.0	73.6	68.1
Kuwait	2007	535	24.2	38.3	24.2	19.2	7.8	9.1	1.4	21.0	27.6
	2011	587	23.0	46.5	23.0	13.2	5.3	11.1	0.8	19.1	28.0
Lithuania	2007	578	58.2	18.8	58.2	9.1	7.5	6.2	0.2	59.4	56.8
	2011	657	57.1	18.8	57.1	13.0	6.6	4.3	0.2	53.8	59.8
Netherlands	2007	473	43.9	47.0	43.9	6.9	1.0	1.2	0.0	42.0	45.7
	2011	459	45.7	41.0	45.7	10.9	0.9	1.5	0.0	48.6	42.6
New Zealand	2007	724	40.2	42.0	40.2	11.2	2.2	4.0	0.3	40.5	39.9
	2011	800	39.9	43.4	39.9	11.5	2.4	2.8	0.0	38.2	41.7
Norway	2007	597	33.6	53.3	33.6	5.8	1.4	5.5	0.2	33.8	33.5
	2011	438	39.6	48.8	39.6	4.9	1.1	4.6	1.0	34.4	44.3
Russian Federation	2007	643	67.0	14.7	67.0	10.2	5.5	2.2	0.5	69.3	64.7
	2011	645	71.4	10.2	71.4	10.5	5.9	2.0	0.0	74.4	68.5
Singapore	2007	730	68.7	18.8	68.7	8.8	3.0	0.8	0.0	71.8	65.4
	2011	915	64.0	18.7	64.0	13.7	2.9	0.7	0.0	61.8	66.1
Slovak Republic	2007	706	35.8	45.8	35.8	7.3	2.7	8.3	0.0	38.7	32.9
	2011	814	39.3	44.4	39.3	10.4	1.4	4.4	0.0	37.0	41.4
Slovenia	2007	630	31.8	52.3	31.8	6.7	1.1	7.7	0.4	28.1	35.0
	2011	645	33.4	52.4	33.4	5.9	1.3	6.8	0.2	29.3	37.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_03 (M041280): Number / Knowing
Label: Number closest to $1362 \div 32$ - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	38.2	47.6	38.2	6.8	0.0	7.1	0.3	39.3	37.1
	2011	630	42.6	42.9	42.6	5.2	0.9	8.1	0.3	42.9	42.5
Tunisia	2007	588	20.9	40.6	20.9	13.8	3.4	16.6	4.7	20.9	20.9
	2011	683	24.3	46.2	24.3	14.2	4.2	9.4	1.7	18.7	29.6
United States	2007	1135	43.3	42.7	43.3	8.5	2.0	3.4	0.1	42.0	44.6
	2011	1776	48.3	36.3	48.3	11.0	2.4	1.9	0.1	44.8	52.1

International Avg. (25)	2007	15873	45.9	36.2	45.9	8.9	2.6	5.8	0.6	44.8	47.0
	2011	17507	46.9	34.9	46.9	10.5	2.6	4.8	0.3	45.3	48.5

Alberta, Canada	2007	577	36.7	50.4	36.7	8.3	0.8	3.6	0.2	32.8	40.5
	2011	525	40.1	51.8	40.1	5.7	0.6	1.8	0.0	39.3	41.0
Ontario, Canada	2007	492	35.8	53.6	35.8	4.7	1.6	4.3	0.0	34.9	36.6
	2011	654	42.9	44.6	42.9	9.8	1.2	1.5	0.0	41.1	44.6
Quebec, Canada	2007	569	37.4	46.0	37.4	9.6	1.2	5.7	0.0	33.7	41.3
	2011	609	37.0	48.9	37.0	8.6	1.1	4.5	0.0	27.8	46.2
Dubai, UAE	2007	450	37.1	37.9	37.1	10.0	7.0	7.9	0.1	39.7	34.9
	2011	871	38.1	40.7	38.1	12.9	4.4	3.7	0.1	33.8	41.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_04 (M041059): Number / Knowing

Label: Fraction of circles that are black - Points: 1

COUNTRY	YEAR	N	10 %	11 %	70 %	71 %	72 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	53.0	2.4	0.9	5.1	21.2	14.2	2.9	0.3	55.4	61.1	49.5
	2011	884	52.6	0.8	0.9	2.5	20.8	18.7	3.4	0.2	53.4	58.0	49.3
Austria	2007	698	9.1	0.5	0.0	2.0	46.0	21.7	20.5	0.2	9.6	8.1	11.1
	2011	661	6.5	1.0	0.0	1.9	40.3	28.1	22.2	0.0	7.5	8.5	6.6
Chinese Taipei	2007	593	94.6	0.8	0.0	0.9	0.0	3.7	0.0	0.0	95.4	97.3	93.8
	2011	608	94.9	0.5	0.2	1.4	0.6	2.3	0.1	0.0	95.3	96.3	94.5
Czech Republic	2007	602	2.4	0.5	0.0	0.6	30.6	40.6	25.2	0.0	2.9	2.1	3.7
	2011	646	12.8	1.7	0.0	0.2	30.1	35.2	19.5	0.5	14.5	12.5	16.1
Denmark	2007	510	45.4	0.6	0.5	9.5	21.9	17.3	4.2	0.6	46.1	46.8	45.4
	2011	561	58.8	1.1	1.3	4.1	11.5	19.8	2.3	1.0	60.0	59.9	60.0
England	2007	622	63.4	4.1	0.0	4.2	5.9	19.6	2.8	0.1	67.5	67.3	67.7
	2011	496	63.1	4.3	1.2	4.6	10.2	14.1	2.5	0.0	67.5	68.3	66.6
Georgia	2007	599	19.2	0.2	0.6	2.1	45.3	20.9	8.5	3.4	19.4	21.0	18.0
	2011	682	14.1	0.3	0.0	2.6	46.9	29.5	6.6	0.1	14.4	15.1	13.8
Germany	2007	721	2.8	0.6	0.0	1.5	42.8	30.1	21.8	0.3	3.5	1.9	5.1
	2011	567	3.8	0.2	0.0	1.2	41.9	33.3	19.5	0.2	4.0	2.6	5.2
Hong Kong SAR	2007	537	60.9	34.6	0.3	1.2	0.2	2.3	0.5	0.0	95.4	95.8	95.0
	2011	562	51.3	43.0	0.2	0.7	1.1	3.5	0.3	0.0	94.3	95.8	93.1
Hungary	2007	583	33.7	2.6	0.0	4.5	23.6	31.9	2.6	1.0	36.3	38.3	34.5
	2011	750	41.7	1.8	0.2	3.6	17.2	33.7	1.2	0.6	43.5	46.5	40.1
Iran, Islamic Rep. of	2007	534	40.5	0.0	0.0	4.5	24.1	20.6	8.4	1.9	40.5	40.9	40.0
	2011	818	63.1	0.0	0.3	2.2	14.8	16.6	2.3	0.7	63.1	68.3	57.9
Italy	2007	642	55.6	0.3	1.3	6.9	15.0	15.1	5.4	0.3	56.0	54.2	57.6
	2011	599	56.3	0.3	0.3	6.6	16.5	15.9	3.9	0.1	56.7	57.7	55.6
Japan	2007	640	78.7	0.7	0.6	4.3	2.3	12.0	1.4	0.1	79.4	81.6	77.2
	2011	624	81.0	0.3	0.6	5.1	2.0	10.4	0.6	0.0	81.3	83.3	79.7
Kuwait	2007	535	16.7	0.0	0.0	7.4	23.9	31.2	19.0	1.7	16.7	22.3	10.9
	2011	590	38.4	0.6	1.6	5.9	10.7	30.4	11.5	0.9	39.0	47.2	28.7
Lithuania	2007	578	46.3	1.9	0.0	0.0	30.4	15.3	5.8	0.2	48.2	50.7	45.1
	2011	657	43.1	3.7	0.3	0.6	30.9	14.7	6.5	0.2	46.8	50.2	44.0
Netherlands	2007	473	66.3	4.1	0.0	3.8	11.8	12.9	1.1	0.0	70.4	74.3	66.8
	2011	459	69.1	6.2	0.2	5.1	7.4	11.4	0.6	0.0	75.2	75.5	75.2
New Zealand	2007	724	50.6	1.7	0.3	5.7	17.8	21.0	2.6	0.3	52.2	55.6	48.8
	2011	800	51.3	1.9	0.4	4.6	20.0	19.8	2.0	0.0	53.1	53.6	52.7
Norway	2007	597	31.1	0.8	0.2	3.5	35.3	21.9	6.8	0.4	31.9	31.0	33.0
	2011	438	41.3	1.5	0.2	5.8	25.9	19.0	5.1	1.0	42.9	41.6	44.1
Russian Federation	2007	643	33.4	4.8	0.0	1.2	30.3	25.1	4.6	0.5	38.3	41.4	35.2
	2011	645	35.7	2.5	0.0	2.6	22.7	33.9	2.7	0.0	38.1	38.7	37.5
Singapore	2007	730	57.2	31.6	0.3	1.2	1.8	7.6	0.5	0.0	88.7	90.0	87.4
	2011	915	30.2	60.2	0.5	2.6	2.0	4.2	0.4	0.0	90.4	92.5	88.4
Slovak Republic	2007	706	23.7	1.1	0.0	5.1	11.0	38.4	20.7	0.1	24.8	28.6	20.9
	2011	814	24.4	2.2	0.1	6.7	9.5	44.8	12.3	0.0	26.6	29.0	24.5
Slovenia	2007	629	23.7	1.7	0.0	2.6	31.6	34.5	5.6	0.4	25.4	26.4	24.6
	2011	645	28.4	2.0	0.0	1.4	30.4	31.3	6.4	0.2	30.4	32.1	28.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M11_04 (M041059): Number / Knowing

Label: Fraction of circles that are black - Points: 1

COUNTRY	YEAR	N	10 %	11 %	70 %	71 %	72 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	22.3	0.3	0.5	7.6	14.9	33.4	20.8	0.3	22.5	24.8	20.4
	2011	630	16.8	0.3	0.0	5.9	19.6	35.7	21.4	0.3	17.1	16.9	17.2
Tunisia	2007	588	3.2	0.0	0.0	0.7	15.2	47.8	28.1	4.9	3.2	4.0	2.5
	2011	695	7.1	0.0	0.0	0.6	17.5	52.1	21.0	1.7	7.1	7.7	6.6
United States	2007	1135	72.4	3.9	0.5	1.8	7.5	12.4	1.4	0.2	76.3	77.1	75.6
	2011	1776	79.4	3.0	1.2	2.8	5.0	7.8	0.7	0.1	82.4	81.6	83.2
International Avg. (25)	2007	15875	40.3	4.0	0.2	3.5	20.4	22.1	8.8	0.7	44.2	45.7	42.8
	2011	17522	42.6	5.6	0.4	3.3	18.2	22.7	7.0	0.3	48.2	49.6	46.8
Alberta, Canada	2007	577	66.6	0.8	0.3	2.4	15.5	11.1	2.9	0.3	67.4	69.2	65.7
	2011	525	65.6	0.0	0.3	2.3	16.6	12.9	2.3	0.0	65.6	70.0	61.0
Ontario, Canada	2007	492	60.2	0.4	0.2	3.9	18.4	13.4	3.5	0.0	60.6	60.3	60.9
	2011	654	57.5	1.1	0.5	3.5	17.8	18.2	1.4	0.0	58.6	60.8	56.5
Quebec, Canada	2007	569	68.5	1.5	0.9	4.0	10.3	12.5	2.3	0.1	69.9	68.5	71.5
	2011	609	71.5	1.6	0.2	2.5	5.4	15.7	3.1	0.0	73.1	71.9	74.3
Dubai, UAE	2007	450	55.0	1.7	0.0	5.0	17.9	16.3	3.7	0.3	56.7	61.7	52.6
	2011	871	61.6	0.9	0.6	2.3	14.8	17.3	2.4	0.2	62.5	62.4	62.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M11_05 (M041046): Number / Knowing
Label: Which is the largest fraction - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	62.4	62.4	1.2	0.6	34.4	1.1	0.3	61.1	63.8
	2011	884	53.4	53.4	0.9	2.0	41.4	2.1	0.2	50.3	56.1
Austria	2007	698	40.4	40.4	1.3	1.9	52.1	3.7	0.6	32.5	47.5
	2011	661	31.0	31.0	1.6	3.1	56.1	8.1	0.0	28.3	33.2
Chinese Taipei	2007	593	77.5	77.5	0.0	0.7	21.8	0.0	0.0	75.5	79.3
	2011	608	79.1	79.1	0.4	0.6	19.7	0.1	0.0	80.6	77.8
Czech Republic	2007	602	7.2	7.2	1.0	1.8	76.8	13.2	0.0	4.5	9.8
	2011	646	22.2	22.2	1.0	2.1	68.6	5.7	0.5	20.7	23.4
Denmark	2007	510	40.8	40.8	0.3	2.7	53.2	1.8	1.1	34.0	46.9
	2011	561	49.2	49.2	0.6	1.3	47.4	0.6	1.0	38.4	61.4
England	2007	622	69.6	69.6	2.1	1.9	23.8	2.5	0.1	69.3	70.0
	2011	496	64.1	64.1	2.2	2.0	29.2	2.4	0.0	60.7	67.5
Georgia	2007	599	54.8	54.8	1.4	1.7	36.6	2.2	3.4	56.2	53.7
	2011	682	42.4	42.4	1.2	3.0	46.8	6.5	0.1	40.2	44.4
Germany	2007	721	45.1	45.1	3.1	4.5	42.0	5.0	0.3	36.3	54.0
	2011	567	38.4	38.4	4.6	4.1	44.4	8.3	0.2	29.8	46.3
Hong Kong SAR	2007	537	86.0	86.0	0.9	0.7	11.7	0.7	0.0	84.8	87.2
	2011	562	91.1	91.1	0.4	0.5	7.9	0.0	0.0	90.1	91.9
Hungary	2007	583	48.7	48.7	0.5	1.1	47.1	1.5	1.0	42.7	54.3
	2011	750	42.2	42.2	1.4	1.7	52.4	1.8	0.6	41.5	43.1
Iran, Islamic Rep. of	2007	534	21.6	21.6	0.5	2.5	67.8	5.5	2.1	18.3	25.1
	2011	818	37.5	37.5	1.8	0.7	58.1	1.1	0.8	35.7	39.3
Italy	2007	640	43.0	43.0	0.7	1.3	53.4	1.0	0.6	40.6	45.1
	2011	599	41.4	41.4	0.9	0.9	55.6	1.2	0.1	42.9	39.8
Japan	2007	640	49.0	49.0	0.3	0.1	50.2	0.3	0.1	47.5	50.6
	2011	624	67.1	67.1	0.4	0.0	32.4	0.1	0.0	64.0	69.7
Kuwait	2007	535	33.4	33.4	6.0	6.4	49.6	2.8	1.8	30.6	36.3
	2011	588	22.6	22.6	6.2	5.2	59.3	5.9	0.8	22.7	22.4
Lithuania	2007	578	66.5	66.5	0.2	0.6	31.1	0.5	1.1	62.2	71.7
	2011	657	63.7	63.7	0.4	2.1	32.9	0.7	0.2	58.4	68.0
Netherlands	2007	473	46.7	46.7	0.8	1.6	50.1	0.8	0.0	45.2	48.1
	2011	459	48.8	48.8	0.6	1.7	48.0	0.8	0.0	43.9	55.6
New Zealand	2007	724	70.6	70.6	2.1	2.3	23.3	1.5	0.3	71.7	69.4
	2011	800	71.3	71.3	0.8	2.4	23.5	2.0	0.0	71.0	71.6
Norway	2007	597	38.2	38.2	2.6	1.9	53.6	3.2	0.5	32.9	44.4
	2011	438	46.1	46.1	1.4	1.8	47.5	2.3	1.0	40.3	51.3
Russian Federation	2007	643	43.5	43.5	1.0	1.1	50.7	3.2	0.5	40.4	46.6
	2011	645	40.5	40.5	0.0	1.3	57.2	1.1	0.0	40.7	40.2
Singapore	2007	730	81.0	81.0	1.7	2.4	14.6	0.4	0.0	80.7	81.3
	2011	915	82.6	82.6	1.7	1.6	13.8	0.3	0.0	80.5	84.6
Slovak Republic	2007	706	22.7	22.7	0.5	0.9	72.1	3.5	0.3	21.2	24.3
	2011	814	25.0	25.0	1.1	1.7	69.7	2.6	0.0	20.7	28.8
Slovenia	2007	630	39.8	39.8	0.8	3.1	53.9	2.0	0.5	35.3	43.7
	2011	645	40.7	40.7	0.8	2.0	54.5	1.8	0.2	37.2	44.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_05 (M041046): Number / Knowing
Label: Which is the largest fraction - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	33.1	33.1	1.8	4.5	54.1	6.0	0.6	32.8	33.4
	2011	630	35.1	35.1	2.0	4.3	52.1	6.3	0.3	34.4	35.7
Tunisia	2007	588	5.4	5.4	4.4	12.1	56.5	16.1	5.4	4.8	5.9
	2011	688	6.5	6.5	4.0	12.7	62.8	12.0	2.1	5.2	7.8
United States	2007	1135	70.3	70.3	1.1	1.3	25.0	2.1	0.2	70.5	70.1
	2011	1776	71.0	71.0	1.1	1.1	25.9	0.8	0.1	68.6	73.7
International Avg. (25)	2007	15874	47.9	47.9	1.4	2.4	44.2	3.2	0.8	45.3	50.5
	2011	17513	48.5	48.5	1.5	2.4	44.3	3.0	0.3	45.9	51.1
Alberta, Canada	2007	577	36.2	36.2	1.0	1.1	58.7	2.7	0.3	31.0	41.3
	2011	525	47.1	47.1	1.1	1.4	49.3	1.1	0.0	49.0	45.2
Ontario, Canada	2007	492	38.0	38.0	0.1	1.7	59.6	0.5	0.0	37.2	38.8
	2011	654	38.6	38.6	0.6	1.0	58.7	1.1	0.0	33.3	43.9
Quebec, Canada	2007	569	53.2	53.2	0.8	0.9	44.5	0.5	0.1	46.3	60.6
	2011	609	51.5	51.5	1.1	0.3	44.4	2.6	0.0	51.2	51.8
Dubai, UAE	2007	450	32.0	32.0	2.4	3.1	59.5	2.6	0.4	28.8	34.7
	2011	871	36.8	36.8	2.3	3.1	55.8	1.8	0.2	35.2	38.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_06 (M041048): Number / Reasoning

Label: Height of wall made of 4 rows - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	47.8	18.6	47.8	12.8	18.5	1.9	0.4	46.7	48.9
	2011	884	46.3	19.0	46.3	17.2	15.8	1.5	0.2	42.2	49.9
Austria	2007	698	49.6	21.2	49.6	10.6	13.8	4.2	0.6	46.6	52.3
	2011	661	48.7	20.1	48.7	11.8	15.5	4.0	0.0	41.3	54.7
Chinese Taipei	2007	593	67.5	18.4	67.5	6.7	6.2	1.3	0.0	61.6	72.6
	2011	608	69.0	16.2	69.0	5.3	8.9	0.5	0.0	69.4	68.7
Czech Republic	2007	602	44.0	22.6	44.0	7.8	18.5	7.1	0.0	41.2	46.7
	2011	646	49.7	20.6	49.7	7.5	18.4	3.3	0.5	48.9	50.4
Denmark	2007	509	47.7	15.8	47.7	16.3	13.7	5.3	1.1	42.8	52.1
	2011	561	51.5	12.8	51.5	15.8	13.5	5.4	1.0	43.0	61.3
England	2007	622	53.6	16.1	53.6	12.0	15.5	2.7	0.1	48.8	58.7
	2011	496	51.3	18.1	51.3	13.3	15.6	1.7	0.0	48.8	53.8
Georgia	2007	599	43.3	22.1	43.3	6.1	12.8	11.8	3.9	44.5	42.3
	2011	683	44.5	22.0	44.5	10.3	16.7	6.3	0.2	43.5	45.4
Germany	2007	721	54.8	17.9	54.8	11.1	10.4	5.4	0.4	47.7	61.9
	2011	567	52.1	17.5	52.1	12.4	14.6	3.2	0.2	46.6	57.1
Hong Kong SAR	2007	537	76.9	10.3	76.9	5.7	6.4	0.7	0.0	74.8	79.1
	2011	562	75.1	11.6	75.1	5.6	7.3	0.5	0.0	73.9	76.0
Hungary	2007	583	47.8	24.3	47.8	7.9	16.0	3.0	1.0	45.0	50.3
	2011	750	45.2	22.8	45.2	9.3	20.3	1.8	0.6	44.8	45.6
Iran, Islamic Rep. of	2007	532	29.2	21.3	29.2	13.7	25.3	8.5	2.1	25.3	33.2
	2011	818	35.3	17.1	35.3	15.4	25.9	5.7	0.8	33.6	37.0
Italy	2007	641	43.4	23.6	43.4	9.9	18.1	4.4	0.6	40.6	45.9
	2011	599	42.8	21.3	42.8	11.4	19.4	5.0	0.1	41.6	44.1
Japan	2007	640	62.6	13.5	62.6	9.3	13.0	1.7	0.1	57.9	67.2
	2011	624	70.0	14.0	70.0	8.2	7.4	0.4	0.0	71.6	68.6
Kuwait	2007	535	29.4	18.0	29.4	20.3	22.8	7.7	1.9	27.5	31.3
	2011	587	28.1	18.5	28.1	19.2	24.3	9.1	0.9	26.9	29.6
Lithuania	2007	578	57.9	24.2	57.9	5.3	9.2	2.3	1.1	58.0	57.7
	2011	657	62.7	17.8	62.7	7.8	8.9	2.6	0.2	62.5	62.9
Netherlands	2007	473	59.7	13.5	59.7	12.8	13.1	0.9	0.0	55.4	63.6
	2011	459	58.3	17.2	58.3	12.3	11.5	0.6	0.0	55.8	61.6
New Zealand	2007	724	45.0	22.9	45.0	12.4	17.1	2.2	0.4	43.2	46.8
	2011	800	43.1	23.9	43.1	13.2	19.0	0.8	0.0	40.5	45.8
Norway	2007	597	38.9	17.4	38.9	16.9	22.9	3.2	0.6	33.8	44.9
	2011	438	48.4	14.1	48.4	13.3	21.7	1.6	1.0	41.3	54.7
Russian Federation	2007	643	65.3	14.1	65.3	6.0	12.1	2.0	0.5	65.7	64.8
	2011	644	69.0	15.5	69.0	6.9	7.7	0.9	0.0	69.3	68.8
Singapore	2007	730	76.9	10.1	76.9	5.0	7.0	1.0	0.0	78.2	75.6
	2011	915	76.9	10.3	76.9	6.6	5.8	0.5	0.0	76.4	77.3
Slovak Republic	2007	706	45.0	21.0	45.0	9.2	18.7	5.9	0.3	44.6	45.4
	2011	814	47.0	23.3	47.0	9.1	17.6	3.0	0.0	41.3	52.1
Slovenia	2007	630	38.1	19.4	38.1	13.7	24.8	3.5	0.5	32.9	42.6
	2011	643	42.2	18.9	42.2	11.9	23.3	3.5	0.2	35.7	48.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M11_06 (M041048): Number / Reasoning

Label: Height of wall made of 4 rows - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	46.5	13.9	46.5	17.1	19.5	2.3	0.7	40.0	52.9
	2011	630	47.6	13.3	47.6	18.7	16.4	3.7	0.4	43.9	50.7
Tunisia	2007	588	28.1	18.0	28.1	12.4	20.4	15.2	5.9	26.4	29.5
	2011	688	26.7	17.6	26.7	17.9	27.7	8.0	2.1	24.5	28.8
United States	2007	1135	42.3	24.2	42.3	12.9	18.6	1.8	0.2	39.8	44.8
	2011	1776	47.4	24.1	47.4	10.7	15.7	2.1	0.1	44.3	50.7
International Avg. (25)	2007	15872	49.6	18.5	49.6	11.0	15.8	4.2	0.9	46.8	52.4
	2011	17510	51.1	17.9	51.1	11.6	16.0	3.0	0.3	48.5	53.8
Alberta, Canada	2007	577	41.3	22.9	41.3	14.3	18.6	2.7	0.3	34.6	47.8
	2011	525	45.0	20.2	45.0	14.1	19.8	0.9	0.0	39.6	50.4
Ontario, Canada	2007	492	38.5	22.4	38.5	14.0	22.0	3.0	0.0	37.9	39.2
	2011	654	42.2	25.1	42.2	13.4	18.4	0.8	0.2	38.4	45.8
Quebec, Canada	2007	569	45.2	21.6	45.2	12.9	16.9	3.4	0.1	44.1	46.4
	2011	609	38.7	24.0	38.7	14.9	19.8	2.5	0.1	34.6	42.8
Dubai, UAE	2007	450	39.0	23.5	39.0	12.9	18.6	5.6	0.4	36.4	41.2
	2011	872	40.5	23.2	40.5	13.2	20.2	2.6	0.2	38.4	42.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

M11_07 (M041169): Geometric Shapes and Measures / Knowing
Label: Shape and its reflection - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	67.3	67.3	9.6	13.7	6.6	1.9	0.9	70.8	63.7
	2011	884	67.3	67.3	7.6	12.4	10.9	1.5	0.3	65.6	68.7
Austria	2007	698	56.2	56.2	13.9	14.6	11.6	3.0	0.7	57.2	55.2
	2011	661	66.8	66.8	9.1	11.8	9.8	2.5	0.0	68.2	65.6
Chinese Taipei	2007	593	74.6	74.6	7.9	7.9	7.9	1.7	0.0	75.0	74.3
	2011	608	76.4	76.4	5.3	10.3	7.0	1.0	0.0	77.3	75.5
Czech Republic	2007	602	33.1	33.1	7.6	12.6	42.5	4.1	0.1	35.2	31.1
	2011	646	39.5	39.5	7.0	11.2	40.5	1.3	0.5	40.1	39.0
Denmark	2007	510	75.7	75.7	4.8	11.2	4.8	2.0	1.5	76.2	75.2
	2011	561	77.6	77.6	7.4	9.0	2.2	2.1	1.7	74.0	81.7
England	2007	622	74.7	74.7	7.0	6.4	9.2	2.3	0.4	77.3	71.8
	2011	496	70.3	70.3	9.1	8.2	9.6	2.8	0.0	68.9	71.7
Georgia	2007	599	20.1	20.1	9.9	9.4	41.6	14.2	4.8	14.3	25.1
	2011	683	29.1	29.1	9.2	12.5	40.4	7.5	1.2	27.1	31.0
Germany	2007	721	67.7	67.7	7.8	11.4	7.2	5.4	0.6	67.0	68.4
	2011	567	71.2	71.2	9.6	10.0	6.9	2.1	0.2	72.6	70.0
Hong Kong SAR	2007	537	83.7	83.7	4.1	4.6	6.9	0.6	0.0	84.3	83.1
	2011	562	81.7	81.7	3.9	6.9	6.8	0.7	0.0	79.3	83.6
Hungary	2007	583	51.6	51.6	10.7	14.9	17.5	3.9	1.3	53.6	49.8
	2011	750	57.5	57.5	9.1	16.8	13.5	2.5	0.6	56.6	58.5
Iran, Islamic Rep. of	2007	532	23.5	23.5	17.0	18.7	29.3	9.2	2.3	24.6	22.3
	2011	818	29.1	29.1	18.3	21.6	23.3	6.6	1.1	32.2	26.1
Italy	2007	627	51.3	51.3	13.4	11.9	18.3	3.9	1.1	51.8	50.9
	2011	599	51.5	51.5	13.9	14.4	17.0	3.1	0.1	51.9	51.0
Japan	2007	640	88.8	88.8	1.7	3.6	4.2	1.2	0.5	90.8	86.7
	2011	624	82.4	82.4	3.6	7.0	5.2	1.8	0.0	84.8	80.3
Kuwait	2007	535	23.1	23.1	18.4	17.2	27.5	10.7	3.2	22.6	23.7
	2011	587	27.9	27.9	22.0	13.9	24.7	10.4	1.1	28.8	26.7
Lithuania	2007	578	54.2	54.2	10.1	14.9	15.0	4.7	1.1	53.6	55.0
	2011	657	63.0	63.0	10.9	11.7	12.4	1.8	0.2	65.3	61.2
Netherlands	2007	473	74.5	74.5	7.2	11.6	6.7	0.1	0.0	73.5	75.4
	2011	459	74.2	74.2	6.4	11.3	7.6	0.5	0.0	79.7	68.1
New Zealand	2007	724	65.2	65.2	6.6	11.7	13.4	2.3	0.9	66.1	64.3
	2011	800	63.0	63.0	10.6	10.8	13.8	1.9	0.0	63.4	62.5
Norway	2007	597	56.7	56.7	10.2	14.2	14.6	3.0	1.4	55.6	57.9
	2011	438	68.6	68.6	5.4	10.4	12.7	1.9	1.0	66.6	70.4
Russian Federation	2007	643	51.4	51.4	7.7	17.8	18.5	4.2	0.5	47.5	55.2
	2011	644	56.2	56.2	8.6	15.2	17.7	2.2	0.0	59.0	53.4
Singapore	2007	730	65.3	65.3	7.5	13.5	13.1	0.6	0.0	61.5	69.5
	2011	915	69.5	69.5	7.4	12.2	10.6	0.2	0.0	70.8	68.3
Slovak Republic	2007	706	48.1	48.1	12.6	16.1	18.8	3.6	0.8	46.7	49.4
	2011	814	56.5	56.5	10.2	13.8	17.2	2.3	0.0	58.1	55.0
Slovenia	2007	630	58.8	58.8	7.9	16.7	10.4	5.7	0.6	62.3	55.7
	2011	641	65.5	65.5	6.6	17.1	9.2	1.4	0.2	72.3	58.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_07 (M041169): Geometric Shapes and Measures / Knowing
Label: Shape and its reflection - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	54.8	54.8	7.4	18.0	15.4	3.6	0.8	56.8	52.7
	2011	630	61.2	61.2	8.2	14.4	12.1	2.7	1.4	62.6	60.0
Tunisia	2007	588	10.4	10.4	8.6	14.9	29.4	29.8	6.9	9.3	11.3
	2011	677	15.6	15.6	8.1	20.9	35.5	17.3	2.6	14.2	16.9
United States	2007	1135	58.6	58.6	12.3	13.8	14.3	0.8	0.2	55.9	61.1
	2011	1776	63.8	63.8	10.1	10.6	14.0	1.2	0.3	62.1	65.6
International Avg. (25)	2007	15859	55.6	55.6	9.3	12.9	16.2	4.9	1.2	55.6	55.6
	2011	17497	59.4	59.4	9.1	12.6	15.2	3.2	0.5	60.1	58.8
Alberta, Canada	2007	577	49.9	49.9	13.4	15.5	18.7	1.8	0.7	51.4	48.4
	2011	525	60.0	60.0	9.5	14.1	15.4	1.1	0.0	59.4	60.5
Ontario, Canada	2007	492	70.6	70.6	6.7	9.7	9.9	2.5	0.7	74.2	66.9
	2011	654	68.6	68.6	7.9	10.6	12.1	0.7	0.2	65.4	71.6
Quebec, Canada	2007	569	59.1	59.1	7.7	13.2	18.0	1.7	0.2	58.1	60.1
	2011	609	65.4	65.4	8.9	12.1	11.3	2.2	0.1	67.7	63.1
Dubai, UAE	2007	450	39.8	39.8	13.4	13.1	28.4	4.5	0.8	43.2	36.9
	2011	872	44.8	44.8	13.0	15.9	23.6	2.4	0.2	44.9	44.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_08 (M041333): Geometric Shapes and Measures / Applying
Label: How many cubes are in the box - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	47.9	3.5	12.2	47.9	33.7	1.6	1.0	40.9	55.3
	2011	884	49.4	3.4	11.2	49.4	34.5	1.3	0.3	49.0	49.7
Austria	2007	698	39.3	4.9	11.4	39.3	41.8	1.9	0.7	36.4	42.0
	2011	661	44.6	2.4	14.2	44.6	37.6	1.2	0.0	44.1	45.0
Chinese Taipei	2007	593	73.3	4.6	3.6	73.3	17.9	0.5	0.0	74.5	72.3
	2011	608	84.3	2.9	2.1	84.3	10.3	0.5	0.0	82.6	85.8
Czech Republic	2007	602	39.5	4.7	11.3	39.5	43.3	1.0	0.2	31.8	46.9
	2011	646	44.1	3.5	13.4	44.1	37.2	1.4	0.5	40.5	47.1
Denmark	2007	510	54.1	5.2	11.3	54.1	26.4	1.6	1.5	49.2	58.4
	2011	561	49.5	3.0	15.3	49.5	29.0	1.4	1.7	44.2	55.5
England	2007	622	34.0	4.0	11.5	34.0	49.3	0.9	0.4	30.6	37.7
	2011	496	32.2	3.9	12.6	32.2	50.4	0.9	0.0	31.1	33.3
Georgia	2007	599	18.9	14.7	5.5	18.9	53.9	1.8	5.1	19.3	18.7
	2011	672	19.1	8.6	5.7	19.1	63.2	2.2	1.1	20.8	17.4
Germany	2007	721	60.0	2.3	10.7	60.0	25.1	1.5	0.6	56.1	63.9
	2011	567	62.2	2.1	8.8	62.2	25.8	1.0	0.2	53.2	70.4
Hong Kong SAR	2007	537	54.0	9.2	12.4	54.0	23.6	0.6	0.0	50.6	57.6
	2011	562	59.4	5.6	10.7	59.4	24.1	0.1	0.0	55.0	62.9
Hungary	2007	583	35.4	5.1	11.2	35.4	45.9	0.9	1.4	35.5	35.4
	2011	750	36.1	5.0	12.5	36.1	44.8	1.0	0.6	34.4	38.0
Iran, Islamic Rep. of	2007	532	14.2	12.3	7.2	14.2	61.6	2.1	2.6	11.4	17.2
	2011	818	14.6	9.3	11.0	14.6	61.2	2.7	1.3	13.2	16.0
Italy	2007	640	23.9	4.3	6.4	23.9	62.1	2.2	1.1	27.2	20.9
	2011	599	21.0	5.7	8.6	21.0	63.1	1.4	0.1	18.8	23.4
Japan	2007	640	52.5	8.8	11.3	52.5	26.3	0.6	0.5	51.3	53.6
	2011	624	56.9	7.6	9.2	56.9	26.0	0.4	0.0	56.0	57.6
Kuwait	2007	535	11.2	9.6	5.3	11.2	68.2	2.0	3.7	8.9	13.6
	2011	589	11.8	12.6	9.0	11.8	60.7	4.6	1.3	12.8	10.4
Lithuania	2007	578	64.0	4.8	6.0	64.0	23.4	0.4	1.4	59.7	69.2
	2011	657	65.2	2.7	10.3	65.2	21.1	0.5	0.2	59.0	70.2
Netherlands	2007	473	78.6	0.6	6.5	78.6	14.1	0.1	0.0	77.3	79.9
	2011	459	78.7	1.3	4.0	78.7	15.7	0.2	0.0	75.7	83.0
New Zealand	2007	724	26.1	5.8	11.4	26.1	54.5	1.1	1.1	26.5	25.6
	2011	800	34.0	4.2	12.7	34.0	48.1	1.0	0.0	34.1	33.9
Norway	2007	597	29.3	8.3	14.5	29.3	45.1	0.9	1.8	24.4	35.1
	2011	438	40.4	3.6	11.7	40.4	42.6	0.7	1.0	42.3	38.7
Russian Federation	2007	643	40.0	5.4	11.7	40.0	40.8	1.4	0.7	38.9	41.1
	2011	644	46.3	4.1	11.0	46.3	37.7	0.8	0.0	42.2	50.5
Singapore	2007	730	80.2	1.0	5.8	80.2	12.9	0.2	0.0	80.3	80.0
	2011	915	46.5	4.5	10.8	46.5	38.2	0.0	0.0	45.3	47.7
Slovak Republic	2007	706	41.6	5.1	8.1	41.6	42.9	1.3	1.0	39.5	43.6
	2011	814	39.2	4.5	10.8	39.2	44.3	1.2	0.0	36.7	41.3
Slovenia	2007	630	38.2	4.1	9.3	38.2	46.9	1.0	0.6	35.7	40.3
	2011	645	35.8	2.9	10.6	35.8	48.5	1.9	0.2	36.6	35.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_08 (M041333): Geometric Shapes and Measures / Applying
Label: How many cubes are in the box - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	40.3	3.4	8.6	40.3	45.4	1.1	1.2	38.5	42.1
	2011	630	46.9	2.8	13.5	46.9	34.1	1.3	1.4	41.1	51.9
Tunisia	2007	588	18.0	8.2	7.1	18.0	49.7	9.2	7.8	13.2	22.2
	2011	686	14.8	9.9	9.1	14.8	58.2	5.4	2.7	12.9	16.5
United States	2007	1135	32.7	4.0	8.3	32.7	54.0	0.8	0.2	32.3	33.2
	2011	1776	42.2	4.2	9.5	42.2	43.0	0.8	0.3	38.9	45.9
International Avg. (25)	2007	15872	41.9	5.7	9.1	41.9	40.4	1.5	1.4	39.6	44.2
	2011	17501	43.0	4.8	10.3	43.0	40.0	1.4	0.5	40.8	45.1
Alberta, Canada	2007	577	33.7	4.7	8.3	33.7	50.9	1.7	0.7	30.8	36.5
	2011	525	32.4	2.9	8.2	32.4	55.4	1.0	0.2	28.5	36.3
Ontario, Canada	2007	492	28.1	2.7	9.6	28.1	57.7	1.3	0.7	23.2	33.0
	2011	654	33.0	4.4	10.3	33.0	51.7	0.5	0.2	31.8	34.3
Quebec, Canada	2007	569	46.0	2.7	7.3	46.0	42.0	1.7	0.3	45.5	46.6
	2011	609	56.7	2.4	9.6	56.7	30.9	0.4	0.1	49.7	63.6
Dubai, UAE	2007	450	12.6	6.5	6.4	12.6	72.0	1.6	0.8	10.8	14.1
	2011	872	19.8	5.2	7.0	19.8	66.1	1.6	0.3	18.0	21.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_09 (M041262): Geometric Shapes and Measures / Applying
Label: What is the area of the triangle - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	55.7	13.1	55.7	22.1	4.1	4.0	1.1	57.6	53.8
	2011	884	53.2	16.6	53.2	26.1	3.4	0.4	0.3	55.2	51.4
Austria	2007	698	37.0	22.6	37.0	31.5	5.7	2.5	0.7	35.5	38.3
	2011	661	39.7	22.4	39.7	30.4	5.1	2.4	0.0	34.4	44.1
Chinese Taipei	2007	593	83.4	4.9	83.4	7.9	3.4	0.4	0.0	87.3	80.0
	2011	608	70.1	4.0	70.1	21.7	4.0	0.1	0.0	72.7	67.9
Czech Republic	2007	602	24.9	34.3	24.9	29.0	4.5	7.1	0.2	27.1	22.7
	2011	646	31.4	27.3	31.4	31.7	3.4	5.8	0.5	35.4	28.0
Denmark	2007	510	72.7	7.6	72.7	12.6	2.2	3.4	1.5	76.0	69.8
	2011	561	70.6	7.3	70.6	14.5	2.5	3.5	1.7	74.2	66.4
England	2007	622	37.9	19.5	37.9	30.5	9.2	2.5	0.4	38.9	36.9
	2011	496	36.4	17.1	36.4	33.1	12.0	1.3	0.1	35.3	37.5
Georgia	2007	596	29.4	15.8	29.4	25.2	17.4	6.5	5.7	29.2	29.7
	2011	683	25.6	19.0	25.6	34.1	12.7	7.0	1.5	28.8	22.6
Germany	2007	721	41.5	21.0	41.5	27.2	5.3	4.4	0.7	42.3	40.7
	2011	567	45.6	18.1	45.6	28.3	4.2	3.6	0.2	45.4	45.8
Hong Kong SAR	2007	537	91.2	1.7	91.2	4.5	2.5	0.1	0.0	93.0	89.3
	2011	562	82.6	2.3	82.6	10.9	3.7	0.5	0.0	86.1	79.8
Hungary	2007	583	35.3	15.0	35.3	32.4	12.6	2.9	1.9	33.5	36.9
	2011	750	34.2	17.8	34.2	33.4	12.1	1.9	0.6	33.3	35.3
Iran, Islamic Rep. of	2007	534	32.0	13.9	32.0	28.6	14.1	8.9	2.6	30.7	33.3
	2011	818	38.2	15.9	38.2	26.0	12.8	5.5	1.6	35.5	40.9
Italy	2007	641	31.3	23.5	31.3	27.7	8.8	7.6	1.1	33.8	29.1
	2011	599	28.5	21.4	28.5	37.7	7.6	4.7	0.1	26.1	31.1
Japan	2007	640	74.6	9.3	74.6	10.1	4.3	1.0	0.7	79.8	69.4
	2011	624	67.3	13.8	67.3	12.7	5.8	0.3	0.1	66.4	68.1
Kuwait	2007	535	21.8	29.2	21.8	27.2	11.6	6.5	3.7	20.5	23.3
	2011	587	21.0	28.2	21.0	34.1	8.7	6.7	1.3	15.8	27.6
Lithuania	2007	578	46.2	12.5	46.2	16.3	18.8	4.7	1.4	45.2	47.5
	2011	657	48.5	14.1	48.5	21.1	14.1	2.0	0.2	46.3	50.3
Netherlands	2007	473	58.4	15.8	58.4	17.7	5.9	2.3	0.0	58.5	58.3
	2011	459	60.3	14.5	60.3	19.8	4.4	0.7	0.2	58.4	63.5
New Zealand	2007	724	26.7	34.7	26.7	27.0	7.4	3.0	1.1	25.6	27.9
	2011	800	25.0	37.8	25.0	28.3	8.0	0.9	0.0	25.0	25.1
Norway	2007	597	37.0	20.4	37.0	29.1	8.6	3.2	1.8	37.3	36.6
	2011	438	46.4	15.0	46.4	28.7	6.3	2.3	1.2	44.4	48.2
Russian Federation	2007	643	54.6	12.9	54.6	20.6	8.2	2.8	0.9	51.8	57.4
	2011	644	48.7	17.8	48.7	21.4	9.7	2.2	0.2	51.2	46.2
Singapore	2007	730	51.7	8.1	51.7	22.3	17.1	0.7	0.0	55.9	47.3
	2011	915	45.2	6.4	45.2	26.0	22.2	0.3	0.0	47.3	43.1
Slovak Republic	2007	706	29.1	24.9	29.1	31.8	6.9	6.3	1.0	27.2	31.0
	2011	814	31.2	25.3	31.2	34.3	6.6	2.5	0.0	28.5	33.6
Slovenia	2007	630	18.8	40.7	18.8	31.2	3.9	4.7	0.7	20.2	17.5
	2011	644	26.6	33.2	26.6	31.5	4.5	3.9	0.3	25.9	27.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_09 (M041262): Geometric Shapes and Measures / Applying
Label: What is the area of the triangle - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	27.2	26.2	27.2	34.5	5.1	5.7	1.4	27.7	26.8
	2011	630	36.0	22.7	36.0	31.8	4.9	3.1	1.5	35.8	36.3
Tunisia	2007	588	33.4	14.9	33.4	19.5	12.5	11.6	8.0	31.2	35.4
	2011	690	30.7	17.6	30.7	29.3	12.9	6.9	2.6	28.4	32.8
United States	2007	1135	38.8	21.0	38.8	31.8	7.3	0.8	0.2	37.2	40.2
	2011	1776	46.9	14.7	46.9	28.6	7.6	1.9	0.3	48.2	45.5
International Avg. (25)	2007	15872	43.6	18.5	43.6	23.9	8.3	4.1	1.5	44.1	43.2
	2011	17513	43.6	18.0	43.6	27.0	8.0	2.8	0.6	43.4	43.9
Alberta, Canada	2007	577	35.0	25.9	35.0	29.8	5.6	2.8	1.0	35.6	34.4
	2011	525	38.1	23.7	38.1	30.5	5.5	2.0	0.2	42.6	33.6
Ontario, Canada	2007	492	41.7	20.6	41.7	27.4	6.8	2.0	1.4	45.6	37.8
	2011	654	54.1	18.5	54.1	22.5	2.8	1.9	0.2	55.3	53.0
Quebec, Canada	2007	569	48.1	22.0	48.1	22.7	2.5	4.3	0.4	49.0	47.2
	2011	609	55.7	19.9	55.7	19.4	3.8	1.1	0.1	58.5	53.0
Dubai, UAE	2007	450	27.5	25.1	27.5	33.6	7.6	5.4	1.0	27.9	27.1
	2011	871	32.1	23.9	32.1	35.5	6.9	1.3	0.3	25.7	37.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_10 (M041267): Geometric Shapes and Measures / Applying
Label: Draw line with given specification - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	37.1	4.3	7.6	39.8	9.8	1.3	37.1	34.1	40.2
	2011	884	32.3	5.3	9.2	43.6	9.2	0.4	32.3	32.5	32.2
Austria	2007	698	24.5	1.4	8.0	44.8	20.6	0.7	24.5	23.3	25.6
	2011	661	28.5	0.3	4.1	52.8	14.2	0.0	28.5	24.2	32.1
Chinese Taipei	2007	593	16.9	45.2	1.5	28.6	7.8	0.0	16.9	17.8	16.1
	2011	608	57.4	8.1	12.5	19.1	2.8	0.0	57.4	56.6	58.1
Czech Republic	2007	602	39.0	5.2	7.0	23.9	23.8	1.1	39.0	39.4	38.5
	2011	646	42.7	5.4	8.5	28.3	14.3	0.7	42.7	40.9	44.3
Denmark	2007	510	46.0	2.9	11.7	21.3	16.7	1.5	46.0	47.3	44.7
	2011	561	53.3	2.3	7.9	25.3	9.5	1.8	53.3	50.5	56.5
England	2007	622	33.3	8.2	5.8	43.1	9.2	0.4	33.3	34.2	32.3
	2011	496	29.5	5.8	5.3	47.9	11.1	0.4	29.5	29.0	30.0
Georgia	2007	596	19.4	6.1	0.6	23.8	43.0	7.1	19.4	20.5	18.4
	2011	683	16.1	8.1	1.2	36.4	36.5	1.7	16.1	17.0	15.3
Germany	2007	721	23.0	17.7	7.6	38.2	12.5	1.0	23.0	19.3	26.7
	2011	567	27.2	16.0	8.6	33.6	14.2	0.3	27.2	24.5	29.8
Hong Kong SAR	2007	537	60.0	3.3	20.6	14.2	2.0	0.0	60.0	57.1	62.9
	2011	562	55.1	3.4	22.3	15.7	3.6	0.0	55.1	54.6	55.4
Hungary	2007	583	30.6	19.0	4.4	29.1	14.8	2.2	30.6	30.2	30.9
	2011	750	30.5	16.2	6.7	39.4	6.1	1.2	30.5	33.0	27.6
Iran, Islamic Rep. of	2007	534	54.9	1.1	6.7	19.6	14.0	3.6	54.9	56.9	52.9
	2011	818	57.6	0.7	6.4	22.9	10.1	2.3	57.6	58.1	57.1
Italy	2007	642	34.1	12.8	1.0	36.5	14.0	1.7	34.1	33.1	35.0
	2011	599	33.6	13.5	4.0	36.0	12.5	0.4	33.6	34.3	32.9
Japan	2007	640	56.9	4.4	3.9	27.3	6.7	0.7	56.9	63.0	50.8
	2011	624	52.7	1.7	33.9	10.4	1.2	0.1	52.7	49.9	55.1
Kuwait	2007	535	4.4	4.1	0.6	37.7	47.5	5.7	4.4	5.1	3.7
	2011	590	7.4	2.8	2.8	51.6	33.4	1.9	7.4	8.2	6.5
Lithuania	2007	578	18.8	27.6	1.7	37.4	11.9	2.6	18.8	17.2	20.7
	2011	657	27.3	23.9	2.0	36.2	10.3	0.2	27.3	23.0	30.8
Netherlands	2007	473	59.0	3.9	2.6	30.0	4.6	0.0	59.0	58.5	59.3
	2011	459	56.7	7.2	2.0	30.0	3.9	0.2	56.7	53.3	61.8
New Zealand	2007	724	33.0	5.2	5.2	46.6	8.5	1.4	33.0	29.1	37.1
	2011	800	29.6	4.8	3.6	57.4	4.4	0.3	29.6	28.9	30.3
Norway	2007	597	31.6	2.0	3.7	45.1	15.5	2.1	31.6	25.6	38.5
	2011	438	35.1	1.3	4.3	45.2	11.5	2.6	35.1	38.0	32.5
Russian Federation	2007	643	38.6	10.6	7.3	29.2	13.4	0.9	38.6	36.3	40.8
	2011	645	39.7	8.6	7.3	34.7	9.5	0.2	39.7	41.3	38.1
Singapore	2007	730	50.2	2.8	30.9	13.9	2.1	0.0	50.2	51.4	49.0
	2011	915	52.2	2.4	31.2	12.7	1.4	0.1	52.2	51.7	52.6
Slovak Republic	2007	706	47.8	1.7	12.5	21.8	14.6	1.5	47.8	49.4	46.1
	2011	814	49.0	2.3	8.3	31.3	9.0	0.2	49.0	46.5	51.2
Slovenia	2007	629	34.5	6.6	7.1	41.8	8.8	1.2	34.5	31.3	37.4
	2011	645	35.4	5.8	8.3	41.0	9.3	0.3	35.4	34.3	36.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M11_10 (M041267): Geometric Shapes and Measures / Applying
Label: Draw line with given specification - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	38.4	2.5	7.2	38.2	12.1	1.7	38.4	41.4	35.4
	2011	630	31.4	2.8	6.6	42.2	15.5	1.5	31.4	28.0	34.3
Tunisia	2007	588	11.2	1.6	6.2	47.4	24.5	9.0	11.2	13.0	9.7
	2011	695	16.7	7.8	4.9	45.1	22.4	3.0	16.7	18.9	14.6
United States	2007	1135	37.7	7.3	7.7	43.6	3.4	0.3	37.7	37.0	38.4
	2011	1776	32.5	6.7	6.7	50.2	3.5	0.5	32.5	32.2	32.9

International Avg. (25)	2007	15872	35.2	8.3	7.2	32.9	14.5	1.9	35.2	34.9	35.7
	2011	17523	37.2	6.5	8.7	35.6	11.2	0.8	37.2	36.4	37.9

Alberta, Canada	2007	577	36.1	7.0	6.7	42.0	7.3	1.0	36.1	34.0	38.1
	2011	525	35.3	5.3	4.5	48.0	6.5	0.4	35.3	33.7	36.9
Ontario, Canada	2007	492	37.8	6.9	6.9	36.3	10.6	1.4	37.8	38.9	36.7
	2011	654	31.3	4.3	4.1	54.2	5.8	0.2	31.3	30.7	32.0
Quebec, Canada	2007	569	26.0	6.7	5.9	43.3	17.3	0.9	26.0	26.9	25.0
	2011	609	31.7	4.5	10.9	42.0	10.9	0.1	31.7	29.8	33.5
Dubai, UAE	2007	450	22.4	2.2	2.4	43.6	28.2	1.1	22.4	20.1	24.4
	2011	871	21.7	4.4	7.4	42.8	23.2	0.4	21.7	21.9	21.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M11_11 (M041177): Data Display / Applying
Label: How many years older is Juan - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	75.2	7.7	4.3	75.2	7.4	3.6	1.7	76.1	74.3
	2011	884	72.6	7.0	6.6	72.6	12.3	1.1	0.4	71.5	73.5
Austria	2007	698	79.0	8.8	4.0	79.0	6.1	1.3	0.8	73.5	84.0
	2011	661	74.8	9.9	5.5	74.8	8.2	1.6	0.0	69.9	78.9
Chinese Taipei	2007	593	91.3	2.3	2.7	91.3	2.9	0.5	0.4	94.7	88.3
	2011	608	91.7	1.4	3.4	91.7	3.4	0.1	0.0	91.9	91.5
Czech Republic	2007	602	73.8	6.9	7.5	73.8	6.8	2.6	2.4	72.7	74.8
	2011	646	82.1	5.1	4.8	82.1	5.1	2.2	0.7	81.2	82.7
Denmark	2007	509	83.2	6.9	2.7	83.2	4.7	1.0	1.6	81.7	84.6
	2011	.	.	.	.	.	.	.	.	.	.
England	2007	622	84.3	4.9	2.7	84.3	5.4	1.9	0.8	79.3	89.6
	2011	496	80.5	5.3	5.0	80.5	7.1	1.4	0.6	80.7	80.4
Georgia	2007	599	54.4	11.4	10.6	54.4	12.2	2.5	8.9	62.7	47.2
	2011	672	66.6	10.2	7.5	66.6	12.3	1.2	2.1	68.4	64.9
Germany	2007	721	81.6	6.1	5.0	81.6	4.4	1.9	1.0	80.3	82.8
	2011	567	79.8	5.3	5.3	79.8	8.1	1.0	0.6	74.4	84.8
Hong Kong SAR	2007	537	93.5	1.6	2.4	93.5	2.4	0.1	0.0	94.3	92.6
	2011	562	88.6	3.0	4.6	88.6	3.8	0.0	0.0	90.6	87.0
Hungary	2007	583	77.9	7.7	4.5	77.9	5.5	1.0	3.3	80.0	75.9
	2011	750	78.5	5.4	6.0	78.5	7.4	1.5	1.2	77.9	79.1
Iran, Islamic Rep. of	2007	534	44.9	16.8	12.7	44.9	18.0	3.4	4.2	38.4	51.6
	2011	817	45.4	18.7	12.9	45.4	18.1	2.3	2.6	42.2	48.6
Italy	2007	640	67.0	10.3	5.4	67.0	13.8	1.2	2.3	64.2	69.5
	2011	599	69.3	8.3	7.2	69.3	12.9	1.7	0.7	66.9	71.9
Japan	2007	640	75.5	14.6	4.3	75.5	4.3	0.7	0.7	77.0	74.1
	2011	624	82.3	9.8	3.8	82.3	3.8	0.1	0.1	80.3	84.0
Kuwait	2007	535	25.9	21.9	18.3	25.9	23.2	3.7	7.0	27.3	24.4
	2011	589	26.4	17.2	18.3	26.4	28.8	7.1	2.3	25.2	27.8
Lithuania	2007	578	81.8	7.2	4.0	81.8	3.6	0.8	2.6	79.4	84.8
	2011	657	82.2	6.8	6.3	82.2	4.1	0.3	0.3	76.8	86.5
Netherlands	2007	473	82.1	6.1	4.3	82.1	7.1	0.4	0.0	82.0	82.2
	2011	459	82.4	5.6	7.5	82.4	3.8	0.5	0.2	78.1	88.2
New Zealand	2007	724	69.8	9.9	7.5	69.8	8.6	2.6	1.6	70.6	68.9
	2011	800	64.2	13.6	9.0	64.2	11.5	1.3	0.3	64.7	63.8
Norway	2007	597	66.5	13.1	7.8	66.5	8.8	1.7	2.1	60.1	73.9
	2011	438	73.7	8.7	6.9	73.7	7.6	0.5	2.6	69.5	77.5
Russian Federation	2007	643	80.2	6.5	5.1	80.2	5.4	1.8	1.1	80.1	80.3
	2011	645	79.8	6.9	4.9	79.8	8.3	0.0	0.2	78.9	80.8
Singapore	2007	730	92.2	1.0	3.0	92.2	3.5	0.3	0.0	92.4	92.0
	2011	915	88.4	2.1	5.0	88.4	4.1	0.2	0.1	89.3	87.6
Slovak Republic	2007	706	73.9	9.5	5.9	73.9	7.7	0.8	2.2	72.9	74.9
	2011	814	74.2	6.0	9.8	74.2	8.7	1.1	0.2	74.1	74.2
Slovenia	2007	630	73.6	10.4	5.3	73.6	6.6	2.5	1.6	70.1	76.7
	2011	645	79.6	6.7	4.6	79.6	7.5	1.3	0.4	78.6	80.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_11 (M041177): Data Display / Applying
Label: How many years older is Juan - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	80.3	6.5	3.7	80.3	6.3	1.5	1.8	77.8	82.6
	2011	630	82.9	4.9	5.0	82.9	4.8	0.7	1.7	80.3	85.1
Tunisia	2007	588	24.1	17.3	15.4	24.1	19.0	14.4	9.8	24.7	23.5
	2011	686	32.2	19.3	13.9	32.2	24.0	6.7	3.9	31.1	33.2
United States	2007	1135	79.2	6.0	5.6	79.2	8.0	0.7	0.4	78.6	79.8
	2011	1776	80.5	4.9	4.2	80.5	8.2	1.6	0.6	80.2	80.9
International Avg. (25)	2007	15873	72.4	8.9	6.2	72.4	8.1	2.1	2.3	71.6	73.3
	2011	16940	73.3	8.0	7.0	73.3	9.3	1.5	0.9	71.8	74.7
Alberta, Canada	2007	577	70.6	7.6	8.6	70.6	9.1	2.9	1.0	66.8	74.5
	2011	525	70.3	9.5	6.5	70.3	12.2	1.1	0.4	66.8	73.9
Ontario, Canada	2007	492	76.8	6.3	4.5	76.8	9.2	1.4	1.8	70.2	83.5
	2011	654	71.3	7.3	8.2	71.3	11.4	1.6	0.2	66.6	76.0
Quebec, Canada	2007	569	70.3	8.5	6.7	70.3	10.0	2.5	2.0	66.9	73.9
	2011	609	80.4	9.7	4.4	80.4	4.4	1.0	0.1	77.3	83.5
Dubai, UAE	2007	450	47.8	10.8	14.9	47.8	18.1	6.9	1.5	44.5	50.5
	2011	872	51.9	14.9	12.4	51.9	19.0	1.5	0.4	49.2	54.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_12 (M041271): Data Display / Reasoning
Label: Selecting correct bar graph - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	74.5	2.3	11.7	9.2	74.5	0.6	1.8	78.6	70.2
	2011	884	71.7	4.8	9.1	11.3	71.7	2.6	0.4	71.1	72.3
Austria	2007	698	64.4	5.5	6.8	15.9	64.4	6.5	0.8	67.3	61.8
	2011	661	67.5	6.2	9.2	12.5	67.5	4.6	0.0	64.6	69.9
Chinese Taipei	2007	593	81.0	2.5	4.4	11.0	81.0	0.7	0.4	82.7	79.6
	2011	608	83.4	3.7	3.1	9.2	83.4	0.7	0.0	85.2	81.8
Czech Republic	2007	602	59.3	6.1	4.8	19.6	59.3	7.7	2.4	61.9	56.9
	2011	646	68.2	3.8	6.2	15.9	68.2	5.2	0.7	68.1	68.3
Denmark	2007	510	72.6	6.4	6.2	8.9	72.6	4.3	1.6	70.3	74.7
	2011	561	77.2	3.6	6.7	5.9	77.2	4.3	2.3	75.1	79.5
England	2007	622	79.8	3.3	4.3	9.9	79.8	1.9	0.8	84.1	75.1
	2011	496	78.4	3.1	6.5	10.3	78.4	0.9	0.8	80.0	76.8
Georgia	2007	596	44.5	6.4	8.7	21.6	44.5	9.6	9.2	47.2	42.1
	2011	683	48.4	7.6	11.7	21.9	48.4	8.4	2.0	51.4	45.6
Germany	2007	721	67.5	4.6	9.0	12.0	67.5	5.9	1.0	66.5	68.5
	2011	567	70.3	4.7	7.1	13.2	70.3	4.2	0.6	70.7	69.9
Hong Kong SAR	2007	537	93.4	1.7	1.0	3.4	93.4	0.4	0.0	93.0	93.9
	2011	562	87.5	4.2	3.7	4.3	87.5	0.4	0.0	91.7	84.3
Hungary	2007	583	60.1	5.7	12.4	13.4	60.1	4.9	3.5	62.0	58.3
	2011	750	64.2	5.8	11.3	15.7	64.2	1.6	1.3	67.1	61.0
Iran, Islamic Rep. of	2007	533	34.5	10.8	12.9	25.1	34.5	10.8	5.9	34.0	35.1
	2011	818	44.2	9.4	12.9	24.7	44.2	6.1	2.6	44.8	43.5
Italy	2007	640	72.0	4.3	5.8	11.4	72.0	4.1	2.3	72.0	72.1
	2011	599	74.5	3.8	6.8	11.1	74.5	2.9	0.8	75.6	73.3
Japan	2007	640	89.2	1.9	4.2	2.6	89.2	1.3	0.7	91.1	87.4
	2011	624	93.8	0.6	3.6	1.4	93.8	0.5	0.1	92.8	94.6
Kuwait	2007	535	26.2	11.8	13.6	29.7	26.2	11.6	7.2	26.8	25.5
	2011	586	24.2	12.3	10.4	42.7	24.2	7.7	2.8	28.8	18.4
Lithuania	2007	578	64.7	3.8	6.2	18.3	64.7	4.2	2.8	65.0	64.2
	2011	657	71.9	1.5	8.6	15.5	71.9	2.2	0.3	74.3	70.0
Netherlands	2007	473	73.9	6.0	6.2	13.6	73.9	0.4	0.0	79.1	69.1
	2011	459	74.1	5.6	5.6	13.1	74.1	1.3	0.2	74.8	72.9
New Zealand	2007	724	68.3	4.9	10.0	12.6	68.3	2.5	1.7	72.3	64.3
	2011	800	71.4	4.2	8.2	14.0	71.4	1.8	0.3	72.8	70.0
Norway	2007	597	61.1	4.5	9.5	17.2	61.1	4.9	2.9	61.0	61.2
	2011	438	67.4	2.2	9.8	15.8	67.4	2.1	2.6	72.5	62.8
Russian Federation	2007	643	73.7	7.5	4.5	8.7	73.7	3.9	1.6	75.6	71.8
	2011	644	77.2	2.9	6.6	10.9	77.2	2.2	0.2	81.4	73.1
Singapore	2007	730	78.3	6.0	6.5	8.6	78.3	0.6	0.0	82.0	74.3
	2011	915	77.2	5.9	6.5	10.0	77.2	0.3	0.1	80.0	74.6
Slovak Republic	2007	706	69.1	5.9	4.1	12.3	69.1	6.2	2.3	71.5	66.7
	2011	814	69.0	6.5	6.5	13.5	69.0	4.0	0.4	73.2	65.3
Slovenia	2007	630	69.1	5.0	6.9	13.5	69.1	3.0	2.4	71.0	67.5
	2011	644	71.3	5.6	7.0	12.9	71.3	2.5	0.7	72.1	70.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_12 (M041271): Data Display / Reasoning
Label: Selecting correct bar graph - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	72.5	4.8	9.1	8.2	72.5	3.0	2.4	72.8	72.3
	2011	630	72.5	4.5	10.3	7.0	72.5	4.0	1.7	76.5	69.1
Tunisia	2007	588	26.3	5.3	9.0	25.4	26.3	23.2	10.8	33.5	20.1
	2011	681	34.4	8.1	11.5	29.6	34.4	11.6	4.8	34.9	34.0
United States	2007	1135	81.2	3.6	5.1	7.2	81.2	2.2	0.7	83.9	78.6
	2011	1776	82.0	3.7	5.9	7.0	82.0	0.6	0.8	83.0	81.0

International Avg. (25)	2007	15870	66.3	5.2	7.3	13.6	66.3	5.0	2.6	68.2	64.5
	2011	17503	68.9	5.0	7.8	14.0	68.9	3.3	1.1	70.5	67.3

Alberta, Canada	2007	577	78.4	4.8	5.5	8.7	78.4	1.4	1.1	80.4	76.3
	2011	525	80.8	3.8	4.5	9.6	80.8	0.9	0.4	80.2	81.4
Ontario, Canada	2007	492	82.6	2.4	3.9	7.3	82.6	1.3	2.5	82.2	82.9
	2011	654	81.0	4.1	5.4	8.3	81.0	0.6	0.5	81.2	80.8
Quebec, Canada	2007	569	71.1	3.6	7.2	12.5	71.1	3.6	2.0	72.5	69.7
	2011	609	76.8	3.0	5.8	11.7	76.8	2.6	0.1	78.4	75.3
Dubai, UAE	2007	450	58.4	8.6	7.2	19.9	58.4	4.3	1.6	62.4	54.9
	2011	871	60.7	8.9	8.4	18.5	60.7	3.0	0.5	60.8	60.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M11_13A (M041276A): Data Display / Knowing
Label: Who won the Triathlon - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	50.6	3.3	41.2	3.0	1.9	50.6	55.2	45.9
	2011	884	46.2	4.7	44.4	3.6	1.0	46.2	44.9	47.5
Austria	2007	698	57.3	4.9	30.6	5.5	1.7	57.3	54.8	59.7
	2011	661	62.5	3.3	28.5	5.7	0.0	62.5	63.6	61.5
Chinese Taipei	2007	593	77.8	2.4	18.7	0.7	0.4	77.8	79.2	76.7
	2011	608	81.5	4.6	13.3	0.7	0.0	81.5	82.4	80.6
Czech Republic	2007	602	51.8	7.9	28.3	8.9	3.0	51.8	54.2	49.5
	2011	646	60.8	7.1	27.1	4.2	0.8	60.8	55.5	65.2
Denmark	2007	510	68.2	2.2	22.1	4.4	3.1	68.2	66.3	69.9
	2011	561	57.6	4.1	31.9	3.5	2.9	57.6	53.4	62.4
England	2007	622	51.7	4.3	39.4	3.8	0.8	51.7	47.9	55.7
	2011	496	49.8	2.0	44.1	3.4	0.8	49.8	52.2	47.4
Georgia	2007	598	18.3	2.7	40.2	27.4	11.4	18.3	21.9	15.1
	2011	682	30.8	2.3	52.5	10.1	4.3	30.8	30.8	30.9
Germany	2007	721	57.9	4.0	30.4	6.3	1.4	57.9	52.6	63.2
	2011	567	65.1	2.7	25.8	5.3	1.1	65.1	65.3	65.0
Hong Kong SAR	2007	537	75.4	5.3	18.8	0.4	0.0	75.4	72.6	78.4
	2011	562	72.3	4.8	22.0	0.8	0.2	72.3	71.7	72.7
Hungary	2007	583	56.5	3.7	32.7	2.6	4.5	56.5	54.4	58.5
	2011	750	59.1	2.6	35.1	1.9	1.3	59.1	61.9	56.1
Iran, Islamic Rep. of	2007	533	23.8	1.0	52.3	14.9	8.0	23.8	22.3	25.3
	2011	818	22.5	3.3	56.8	13.7	3.8	22.5	23.2	21.8
Italy	2007	642	51.0	2.8	35.6	7.5	3.0	51.0	47.3	54.4
	2011	599	46.9	5.7	42.6	3.5	1.2	46.9	47.2	46.7
Japan	2007	640	69.7	3.3	26.1	0.3	0.7	69.7	68.0	71.3
	2011	624	72.0	2.7	24.4	0.7	0.1	72.0	69.9	73.9
Kuwait	2007	535	5.0	0.6	63.0	23.1	8.2	5.0	4.8	5.1
	2011	590	3.7	2.2	75.3	15.1	3.7	3.7	4.4	2.9
Lithuania	2007	578	46.0	5.3	37.5	8.2	3.0	46.0	44.7	47.6
	2011	657	51.0	3.7	37.7	7.1	0.5	51.0	48.3	53.1
Netherlands	2007	473	54.2	9.5	32.8	3.1	0.3	54.2	57.3	51.4
	2011	459	58.3	4.7	35.2	1.3	0.4	58.3	58.3	58.4
New Zealand	2007	724	43.3	2.2	49.8	2.4	2.3	43.3	42.1	44.6
	2011	800	37.6	1.9	56.8	2.5	1.2	37.6	39.1	36.1
Norway	2007	597	39.6	4.4	45.0	7.1	3.9	39.6	36.4	43.4
	2011	438	44.4	5.3	42.9	4.3	3.1	44.4	44.1	44.6
Russian Federation	2007	643	52.5	1.5	35.1	8.1	2.7	52.5	51.3	53.6
	2011	645	57.4	2.1	35.4	4.6	0.6	57.4	57.0	57.7
Singapore	2007	730	67.4	4.3	27.5	0.5	0.3	67.4	67.9	66.8
	2011	915	69.9	4.4	24.9	0.7	0.1	69.9	71.7	68.1
Slovak Republic	2007	706	46.3	2.2	40.4	7.4	3.7	46.3	49.0	43.6
	2011	814	49.0	3.4	41.5	5.3	0.8	49.0	47.6	50.2
Slovenia	2007	630	49.8	3.5	40.4	3.4	2.9	49.8	48.7	50.7
	2011	645	57.8	3.0	34.7	3.7	0.8	57.8	58.3	57.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M11_13A (M041276A): Data Display / Knowing
Label: Who won the Triathlon - Points: 1

COUNTRY	YEAR	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	43.1	3.6	42.5	7.2	3.5	43.1	43.2	43.0
	2011	630	45.7	3.9	40.2	8.1	2.1	45.7	42.4	48.5
Tunisia	2007	588	11.3	2.6	57.3	16.3	12.5	11.3	13.8	9.1
	2011	695	15.9	2.2	64.4	11.5	6.1	15.9	14.3	17.5
United States	2007	1135	50.4	3.0	41.6	3.4	1.7	50.4	51.4	49.5
	2011	1776	56.0	3.1	38.3	1.4	1.1	56.0	56.0	56.1

International Avg. (25)	2007	15874	48.8	3.6	37.2	7.0	3.4	48.8	48.3	49.3
	2011	17522	51.0	3.6	39.0	4.9	1.5	51.0	50.5	51.3

Alberta, Canada	2007	577	50.1	1.8	42.7	4.0	1.4	50.1	46.7	53.4
	2011	525	51.1	1.7	44.6	2.0	0.6	51.1	50.6	51.5
Ontario, Canada	2007	492	47.5	2.3	44.2	3.4	2.5	47.5	47.7	47.4
	2011	654	48.3	2.4	46.5	2.2	0.6	48.3	51.9	44.9
Quebec, Canada	2007	569	52.1	2.7	38.0	4.6	2.6	52.1	52.6	51.7
	2011	609	58.8	5.1	33.4	2.6	0.1	58.8	58.6	59.0
Dubai, UAE	2007	450	34.0	3.3	49.8	10.6	2.3	34.0	41.7	27.6
	2011	872	36.1	4.9	53.6	4.3	1.1	36.1	36.0	36.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M11_13B (M041276B): Data Display / Reasoning
Label: What Sue needs to improve on - Points: 1

COUNTRY	YEAR	N	10 %	11 %	12 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	591	36.3	0.8	8.9	8.2	41.4	1.8	2.6	46.0	49.1	42.9
	2011	884	21.4	0.4	4.1	9.6	61.2	1.6	1.8	25.9	28.2	23.9
Austria	2007	698	18.6	0.0	3.3	2.4	70.4	2.7	2.6	21.9	20.0	23.6
	2011	661	24.4	0.2	4.1	2.6	64.9	1.6	2.2	28.7	29.3	28.2
Chinese Taipei	2007	593	42.4	0.0	1.4	8.2	47.4	0.1	0.6	43.8	44.0	43.5
	2011	608	47.7	0.4	8.2	12.0	31.6	0.0	0.2	56.2	62.0	51.2
Czech Republic	2007	602	29.6	0.7	3.7	8.7	51.1	1.7	4.5	34.0	34.1	33.9
	2011	646	40.1	0.4	5.5	10.6	39.2	2.4	1.8	46.0	47.9	44.3
Denmark	2007	510	16.5	0.5	2.9	1.1	72.8	2.2	4.1	19.9	21.5	18.5
	2011	561	22.7	0.1	2.5	1.8	66.7	2.0	4.2	25.3	25.4	25.2
England	2007	622	31.6	0.2	8.4	6.5	50.0	2.0	1.4	40.2	38.5	41.9
	2011	496	27.7	0.0	8.5	7.5	52.6	2.1	1.6	36.2	41.0	31.5
Georgia	2007	597	6.6	0.6	1.9	2.3	54.0	16.0	18.7	9.1	10.2	8.1
	2011	682	14.8	4.9	6.4	4.6	57.4	6.2	5.6	26.2	24.3	27.9
Germany	2007	721	44.1	0.4	3.1	5.8	41.5	2.5	2.6	47.5	49.1	46.0
	2011	567	45.5	0.5	1.0	4.9	45.7	0.9	1.7	46.9	46.3	47.4
Hong Kong SAR	2007	537	46.0	0.8	3.4	3.2	46.5	0.0	0.2	50.1	55.1	45.0
	2011	562	47.3	0.0	1.1	7.4	43.6	0.1	0.5	48.4	47.8	48.9
Hungary	2007	583	31.4	0.5	3.6	7.8	49.5	1.8	5.4	35.4	39.5	31.6
	2011	749	31.5	0.7	5.7	8.5	51.3	0.7	1.6	37.9	40.3	35.2
Iran, Islamic Rep. of	2007	533	12.7	0.7	3.4	3.8	64.9	2.1	12.4	16.8	18.8	14.8
	2011	818	9.4	0.2	0.9	1.3	77.3	5.1	5.8	10.5	10.2	10.9
Italy	2007	642	26.1	0.0	1.9	2.8	59.3	4.4	5.6	28.0	27.9	28.1
	2011	599	18.9	1.0	4.2	5.4	65.1	3.4	2.0	24.2	26.9	21.1
Japan	2007	640	57.0	0.0	6.7	4.5	30.0	0.9	0.8	63.7	68.8	58.7
	2011	624	64.2	0.1	7.5	3.5	24.2	0.2	0.3	71.8	75.3	68.8
Kuwait	2007	535	2.4	0.0	0.6	0.3	77.6	6.8	12.3	3.0	3.2	2.7
	2011	590	3.0	1.4	2.1	2.2	80.0	6.0	5.2	6.5	8.1	4.6
Lithuania	2007	578	15.6	0.0	0.9	4.5	69.3	2.8	6.9	16.5	17.5	15.3
	2011	657	24.1	0.2	6.5	7.4	58.2	2.1	1.5	30.8	35.3	27.1
Netherlands	2007	473	24.9	1.2	1.3	3.6	66.3	1.5	1.1	27.4	28.5	26.4
	2011	459	27.7	0.0	3.9	9.9	56.8	0.9	0.8	31.6	33.8	29.1
New Zealand	2007	724	28.6	0.2	7.0	6.3	52.8	2.1	3.0	35.8	40.4	31.0
	2011	800	21.5	0.3	7.0	5.2	62.9	1.0	2.0	28.9	32.1	25.6
Norway	2007	597	15.1	0.1	3.7	3.9	67.2	4.3	5.6	18.9	19.9	17.8
	2011	438	17.3	0.2	4.6	1.4	70.2	2.3	4.0	22.1	28.8	16.0
Russian Federation	2007	643	29.5	0.0	1.8	1.0	59.5	3.1	5.2	31.2	34.2	28.3
	2011	645	28.5	0.3	3.4	2.0	63.3	1.3	1.1	32.2	34.8	29.6
Singapore	2007	730	48.6	0.8	7.4	5.1	37.1	0.5	0.5	56.8	61.2	52.1
	2011	915	50.8	0.3	10.8	5.0	32.6	0.3	0.2	61.9	64.5	59.4
Slovak Republic	2007	706	15.2	0.3	5.2	1.8	68.3	3.6	5.7	20.6	23.6	17.6
	2011	814	22.8	0.1	5.1	6.1	62.1	1.9	2.0	27.9	33.6	22.8
Slovenia	2007	629	37.4	0.2	6.2	12.2	37.5	2.3	4.1	43.8	41.9	45.6
	2011	645	40.3	0.4	1.1	0.1	54.2	2.8	1.2	41.7	44.4	39.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M11_13B (M041276B): Data Display / Reasoning
Label: What Sue needs to improve on - Points: 1

COUNTRY	YEAR	N	10 %	11 %	12 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	665	27.2	0.7	3.0	6.2	55.7	2.4	4.8	31.0	34.8	27.2
	2011	630	25.8	0.0	1.1	8.5	58.8	1.1	4.7	26.8	29.6	24.5
Tunisia	2007	588	4.4	1.2	5.2	2.7	70.2	2.0	14.3	10.8	13.1	8.7
	2011	695	3.1	0.4	1.8	0.0	84.0	3.3	7.3	5.3	3.9	6.7
United States	2007	1135	26.8	0.2	9.6	6.4	51.4	2.8	2.7	36.6	37.7	35.6
	2011	1776	33.5	1.4	13.5	7.9	41.2	0.7	1.8	48.4	48.8	47.9

International Avg. (25)	2007	15872	27.0	0.4	4.2	4.8	55.7	2.9	5.1	31.6	33.3	29.8
	2011	17521	28.6	0.6	4.8	5.4	56.2	2.0	2.4	33.9	36.1	31.9

Alberta, Canada	2007	577	36.1	1.1	7.5	4.9	45.2	2.0	3.2	44.7	45.8	43.7
	2011	525	24.2	0.4	10.1	7.3	55.0	2.0	0.9	34.7	37.1	32.4
Ontario, Canada	2007	492	38.5	0.2	10.3	7.2	37.1	3.1	3.6	49.1	53.3	44.8
	2011	654	30.7	0.8	8.8	8.1	47.9	1.9	1.7	40.4	43.2	37.6
Quebec, Canada	2007	569	32.7	1.1	11.0	5.3	43.3	3.0	3.6	44.8	46.2	43.3
	2011	609	35.8	0.8	16.2	9.1	34.7	2.4	0.9	52.8	56.6	49.2
Dubai, UAE	2007	450	11.4	0.4	2.3	3.0	74.5	4.1	4.2	14.1	15.8	12.8
	2011	872	14.4	0.2	1.4	8.6	71.6	1.6	2.2	16.1	16.3	15.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M13_01 (M041004): Number / Knowing
Label: Convert words to numerals - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	87.6	4.1	87.6	3.8	4.2	0.1	0.3	87.6	87.5
	2011	870	89.3	5.5	89.3	2.6	2.2	0.4	0.1	89.0	89.6
Austria	2007	685	84.0	4.3	84.0	2.9	6.5	2.1	0.2	86.8	81.8
	2011	661	89.9	2.7	89.9	2.0	4.0	1.4	0.0	88.0	91.9
Chinese Taipei	2007	591	96.7	0.0	96.7	2.2	0.5	0.6	0.0	98.1	95.5
	2011	616	96.8	0.5	96.8	1.6	1.0	0.0	0.2	98.3	95.5
Czech Republic	2007	593	93.1	3.8	93.1	2.1	0.2	0.7	0.0	92.7	93.6
	2011	661	94.4	2.2	94.4	0.7	1.8	1.0	0.0	95.6	93.3
Denmark	2007	492	76.5	5.7	76.5	3.5	10.8	3.5	0.0	71.4	83.2
	2011	567	84.4	5.6	84.4	2.8	5.6	1.5	0.1	83.9	85.0
England	2007	618	90.0	3.7	90.0	2.2	3.4	0.6	0.0	92.5	88.1
	2011	486	85.8	4.4	85.8	3.7	4.8	1.1	0.3	81.5	90.2
Georgia	2007	579	82.3	4.8	82.3	4.0	7.9	0.5	0.6	79.9	84.5
	2011	687	89.5	2.3	89.5	3.6	3.8	0.4	0.4	88.5	90.4
Germany	2007	750	88.7	3.5	88.7	2.0	3.8	2.1	0.0	89.4	87.9
	2011	581	90.7	1.9	90.7	2.6	3.9	0.9	0.0	90.7	90.8
Hong Kong SAR	2007	544	94.3	0.4	94.3	2.4	2.9	0.1	0.0	93.9	94.7
	2011	566	93.0	1.1	93.0	3.4	2.0	0.4	0.0	95.3	91.1
Hungary	2007	577	91.6	1.9	91.6	2.6	2.4	1.1	0.4	94.1	88.3
	2011	743	89.0	4.3	89.0	1.5	4.1	0.9	0.1	89.3	88.8
Iran, Islamic Rep. of	2007	553	58.9	19.0	58.9	7.6	11.8	2.4	0.4	62.0	55.7
	2011	816	68.5	18.8	68.5	5.0	6.3	1.5	0.0	70.9	66.0
Italy	2007	634	90.0	2.9	90.0	2.4	4.0	0.4	0.3	89.0	91.2
	2011	600	90.1	1.5	90.1	3.7	3.8	0.6	0.2	89.4	90.7
Japan	2007	643	94.9	0.6	94.9	2.2	1.4	0.6	0.3	98.1	92.1
	2011	628	97.7	0.1	97.7	1.5	0.5	0.1	0.0	97.0	98.4
Kuwait	2007	533	59.6	16.3	59.6	11.6	9.4	2.4	0.6	58.7	60.7
	2011	584	46.4	20.9	46.4	10.6	16.2	5.6	0.3	41.8	51.5
Lithuania	2007	562	91.8	3.2	91.8	2.4	2.0	0.6	0.0	93.5	90.0
	2011	663	92.5	3.1	92.5	1.9	1.8	0.5	0.2	92.5	92.5
Netherlands	2007	475	92.0	1.0	92.0	2.2	4.8	0.0	0.0	90.1	93.7
	2011	465	90.9	1.1	90.9	2.3	5.2	0.4	0.0	88.5	93.7
New Zealand	2007	708	80.0	9.0	80.0	5.2	5.0	0.8	0.0	78.7	81.3
	2011	798	82.4	8.5	82.4	3.3	5.2	0.5	0.1	81.9	83.0
Norway	2007	577	85.7	4.5	85.7	3.6	4.7	1.2	0.3	84.9	86.4
	2011	439	84.4	7.4	84.4	3.0	4.3	0.7	0.2	84.2	84.6
Russian Federation	2007	642	96.0	0.4	96.0	2.3	1.3	0.1	0.0	97.5	94.6
	2011	642	96.6	0.6	96.6	1.6	0.7	0.6	0.0	96.6	96.6
Singapore	2007	711	92.5	1.1	92.5	4.6	1.6	0.2	0.0	92.2	92.8
	2011	903	95.1	0.9	95.1	2.9	1.1	0.0	0.0	93.9	96.3
Slovak Republic	2007	716	91.2	2.9	91.2	1.7	2.9	0.3	0.9	91.9	90.5
	2011	795	92.2	2.6	92.2	2.4	2.6	0.1	0.1	90.1	94.4
Slovenia	2007	627	86.5	3.1	86.5	4.6	4.8	0.7	0.2	85.5	87.4
	2011	642	88.3	2.2	88.3	5.8	3.1	0.6	0.0	88.4	88.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_01 (M041004): Number / Knowing
Label: Convert words to numerals - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	87.8	3.3	87.8	5.9	2.3	0.4	0.3	87.7	87.8
	2011	644	86.8	5.4	86.8	4.9	1.9	0.8	0.2	90.3	84.0
Tunisia	2007	592	52.4	9.6	52.4	12.3	10.9	11.8	3.0	52.4	52.5
	2011	696	64.8	10.5	64.8	9.0	12.1	2.3	1.2	68.5	62.0
United States	2007	1116	94.2	1.1	94.2	1.5	2.2	0.9	0.1	93.5	94.8
	2011	1800	96.5	1.1	96.5	0.8	1.1	0.3	0.1	95.5	97.7
International Avg. (25)	2007	15755	85.5	4.4	85.5	3.9	4.5	1.4	0.3	85.7	85.5
	2011	17553	87.0	4.6	87.0	3.3	4.0	0.9	0.2	86.8	87.4
Alberta, Canada	2007	551	83.4	4.3	83.4	3.8	6.6	1.5	0.4	76.8	88.8
	2011	520	83.8	6.6	83.8	1.9	6.9	0.5	0.3	80.0	87.5
Ontario, Canada	2007	496	80.3	8.5	80.3	2.2	8.7	0.3	0.0	77.7	82.9
	2011	640	78.5	7.4	78.5	3.9	8.5	1.6	0.1	77.0	79.9
Quebec, Canada	2007	567	88.0	3.2	88.0	3.9	3.8	1.1	0.0	83.1	94.1
	2011	616	94.1	1.6	94.1	1.1	2.7	0.6	0.0	92.4	96.0
Dubai, UAE	2007	429	81.1	8.3	81.1	3.3	4.0	2.9	0.3	83.4	78.9
	2011	868	81.1	7.3	81.1	4.1	6.0	0.9	0.6	79.3	82.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_02 (M041023): Number / Knowing
Label: Trees Jan plant altogether - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	84.5	10.2	1.7	2.8	84.5	0.6	0.3	82.5	86.7
	2011	870	75.9	13.2	5.5	4.0	75.9	1.4	0.1	76.0	75.7
Austria	2007	685	91.8	6.6	1.0	0.0	91.8	0.4	0.2	94.0	90.0
	2011	661	92.7	4.7	0.9	0.8	92.7	0.9	0.0	91.9	93.5
Chinese Taipei	2007	591	96.5	2.6	0.2	0.0	96.5	0.8	0.0	97.2	95.8
	2011	616	96.1	2.7	0.5	0.5	96.1	0.0	0.2	98.3	94.3
Czech Republic	2007	593	90.4	6.1	1.1	1.1	90.4	1.3	0.0	89.3	91.5
	2011	661	91.0	5.7	1.1	0.5	91.0	1.7	0.0	90.7	91.3
Denmark	2007	492	82.3	12.1	2.4	2.4	82.3	0.8	0.0	82.3	82.3
	2011	567	84.8	8.2	3.1	2.7	84.8	1.1	0.1	82.9	86.7
England	2007	618	82.2	10.5	3.5	2.8	82.2	1.0	0.0	85.4	79.6
	2011	486	81.7	11.4	2.6	3.0	81.7	0.9	0.3	81.7	81.8
Georgia	2007	579	81.8	11.9	2.4	2.4	81.8	0.9	0.6	82.0	81.6
	2011	687	85.1	9.1	3.3	1.8	85.1	0.3	0.4	82.5	87.5
Germany	2007	750	90.5	6.4	1.3	0.6	90.5	1.2	0.0	90.9	90.1
	2011	581	89.9	6.8	2.1	0.4	89.9	0.8	0.0	91.8	87.9
Hong Kong SAR	2007	544	96.2	2.9	0.3	0.4	96.2	0.1	0.0	96.1	96.3
	2011	566	97.0	1.3	0.1	1.1	97.0	0.4	0.0	97.3	96.8
Hungary	2007	577	84.3	11.7	2.2	1.0	84.3	0.3	0.5	83.7	85.0
	2011	743	87.3	8.9	2.1	1.2	87.3	0.5	0.1	86.9	87.7
Iran, Islamic Rep. of	2007	553	58.8	31.5	3.5	4.6	58.8	0.8	0.8	59.5	58.2
	2011	816	63.1	28.6	2.8	4.0	63.1	1.5	0.1	62.7	63.5
Italy	2007	633	84.4	11.7	1.5	1.8	84.4	0.3	0.3	82.2	86.8
	2011	600	81.3	13.8	1.9	1.9	81.3	0.9	0.2	78.4	84.3
Japan	2007	643	92.2	3.5	2.1	1.1	92.2	0.8	0.3	92.6	91.9
	2011	628	93.7	3.4	1.1	1.3	93.7	0.4	0.0	95.1	92.4
Kuwait	2007	533	38.0	38.3	10.0	9.6	38.0	3.4	0.6	39.2	36.6
	2011	585	26.1	48.2	8.6	12.1	26.1	4.6	0.3	26.1	26.1
Lithuania	2007	562	95.8	1.5	1.4	1.4	95.8	0.0	0.0	96.4	95.2
	2011	663	91.8	5.1	1.2	1.4	91.8	0.3	0.2	93.8	90.1
Netherlands	2007	475	96.8	1.8	1.0	0.4	96.8	0.0	0.0	95.7	97.8
	2011	465	94.5	2.9	0.9	1.5	94.5	0.2	0.0	92.3	97.0
New Zealand	2007	708	73.2	13.9	6.7	5.3	73.2	0.9	0.0	74.6	71.7
	2011	798	74.0	14.8	4.8	5.5	74.0	0.9	0.1	76.6	71.3
Norway	2007	577	69.9	17.7	7.0	3.4	69.9	1.7	0.3	72.4	67.8
	2011	439	74.6	16.6	4.9	3.2	74.6	0.5	0.2	75.0	74.2
Russian Federation	2007	642	95.2	3.4	0.4	0.9	95.2	0.1	0.0	94.5	95.8
	2011	642	93.4	5.6	0.6	0.2	93.4	0.1	0.0	94.3	92.7
Singapore	2007	711	94.5	3.9	1.1	0.5	94.5	0.0	0.0	94.2	94.7
	2011	903	94.1	3.6	1.2	1.0	94.1	0.1	0.0	94.4	93.8
Slovak Republic	2007	716	83.7	12.7	1.4	0.8	83.7	0.5	0.9	80.8	86.6
	2011	795	81.0	15.7	1.0	1.7	81.0	0.3	0.1	78.1	84.2
Slovenia	2007	627	83.2	13.2	2.1	0.8	83.2	0.5	0.2	82.1	84.3
	2011	642	86.2	11.3	1.1	0.6	86.2	0.8	0.0	88.0	84.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_02 (M041023): Number / Knowing
Label: Trees Jan plant altogether - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	83.4	11.1	2.7	2.5	83.4	0.0	0.3	82.5	84.3
	2011	644	80.1	12.9	3.7	2.3	80.1	0.8	0.2	78.8	81.1
Tunisia	2007	592	53.9	16.8	9.3	8.1	53.9	8.5	3.4	53.9	54.0
	2011	696	62.1	15.9	6.4	12.6	62.1	1.8	1.2	61.4	62.7
United States	2007	1116	84.9	11.3	1.1	1.3	84.9	1.4	0.1	83.6	86.2
	2011	1800	87.4	9.8	0.9	1.2	87.4	0.6	0.1	86.1	88.7
International Avg. (25)	2007	15754	82.7	10.9	2.7	2.2	82.7	1.1	0.4	82.7	82.8
	2011	17554	82.6	11.2	2.5	2.7	82.6	0.9	0.2	82.4	82.8
Alberta, Canada	2007	551	76.5	14.3	3.6	3.3	76.5	1.9	0.4	73.4	79.1
	2011	520	80.5	9.9	5.0	3.7	80.5	0.4	0.4	81.5	79.7
Ontario, Canada	2007	496	76.6	14.7	3.9	4.5	76.6	0.3	0.0	79.1	74.1
	2011	640	79.3	9.5	5.3	3.8	79.3	2.1	0.1	77.9	80.8
Quebec, Canada	2007	567	91.0	3.5	2.0	3.2	91.0	0.3	0.0	91.0	91.0
	2011	616	88.6	5.4	3.6	1.6	88.6	0.8	0.0	87.5	89.8
Dubai, UAE	2007	429	61.1	30.6	2.8	2.2	61.1	3.0	0.3	63.6	58.8
	2011	868	64.4	27.4	2.4	4.3	64.4	0.9	0.6	67.3	61.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_03 (M041034): Number / Knowing
Label: Multiples of 3 - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	55.1	55.1	22.7	10.8	8.3	2.7	0.3	53.6	56.9
	2011	870	55.3	55.3	22.5	12.4	7.3	2.5	0.1	56.6	54.1
Austria	2007	685	88.7	88.7	4.1	1.3	3.0	2.6	0.2	89.2	88.3
	2011	661	89.0	89.0	3.2	1.8	4.0	2.1	0.0	88.5	89.5
Chinese Taipei	2007	591	69.9	69.9	14.1	10.5	3.5	2.0	0.0	71.2	68.6
	2011	616	76.1	76.1	11.8	8.6	2.8	0.5	0.2	75.0	77.1
Czech Republic	2007	593	76.5	76.5	8.4	6.0	4.8	4.3	0.1	79.2	73.6
	2011	661	84.6	84.6	6.3	3.1	3.6	2.3	0.0	85.6	83.7
Denmark	2007	492	85.2	85.2	4.7	2.6	4.7	2.8	0.0	86.9	82.9
	2011	567	82.5	82.5	5.6	2.7	5.8	3.3	0.1	84.0	81.1
England	2007	618	74.0	74.0	11.1	4.6	6.4	4.0	0.0	77.6	71.0
	2011	486	73.3	73.3	10.9	4.4	7.2	3.9	0.3	73.6	73.0
Georgia	2007	579	41.3	41.3	28.0	16.9	4.3	8.6	0.9	41.4	41.2
	2011	687	35.3	35.3	28.4	21.7	5.2	9.0	0.4	40.0	31.3
Germany	2007	750	82.2	82.2	7.1	3.9	3.4	3.4	0.0	81.6	82.8
	2011	581	84.4	84.4	7.7	2.4	3.5	2.1	0.0	87.8	80.9
Hong Kong SAR	2007	544	94.9	94.9	2.3	1.7	0.8	0.3	0.0	95.2	94.5
	2011	566	95.5	95.5	1.8	1.2	0.8	0.7	0.0	96.6	94.5
Hungary	2007	577	67.4	67.4	10.7	12.7	5.3	3.4	0.5	72.2	61.1
	2011	743	70.3	70.3	12.7	9.6	5.7	1.5	0.2	72.9	68.0
Iran, Islamic Rep. of	2007	553	26.8	26.8	25.5	35.7	3.8	7.4	0.8	32.9	20.7
	2011	816	41.3	41.3	22.1	28.2	3.7	4.6	0.1	44.6	38.0
Italy	2007	622	70.9	70.9	12.6	9.2	3.9	3.1	0.3	71.0	70.7
	2011	600	63.2	63.2	19.3	9.2	4.0	4.2	0.2	64.0	62.3
Japan	2007	643	63.7	63.7	20.5	9.4	4.8	1.4	0.3	63.4	63.9
	2011	628	71.9	71.9	15.7	6.4	4.3	1.8	0.0	68.6	75.1
Kuwait	2007	533	36.3	36.3	37.5	14.1	7.3	3.9	1.0	42.9	28.4
	2011	582	32.1	32.1	37.4	14.1	10.8	5.3	0.3	36.7	27.0
Lithuania	2007	562	13.2	13.2	41.0	38.6	2.0	5.2	0.0	14.3	12.1
	2011	663	21.4	21.4	38.6	30.1	3.2	6.6	0.2	22.2	20.6
Netherlands	2007	475	50.7	50.7	22.8	21.3	4.2	1.0	0.0	49.9	51.5
	2011	465	47.1	47.1	25.8	21.5	3.0	2.7	0.0	47.9	45.4
New Zealand	2007	708	50.4	50.4	25.6	14.1	7.4	2.6	0.0	52.5	48.2
	2011	798	49.6	49.6	26.5	13.6	8.2	1.9	0.1	49.8	49.5
Norway	2007	577	63.1	63.1	19.2	4.8	9.4	3.2	0.3	66.6	60.1
	2011	439	73.8	73.8	11.5	5.2	8.0	1.3	0.2	76.4	71.3
Russian Federation	2007	642	90.3	90.3	5.4	0.4	2.7	1.2	0.0	90.1	90.5
	2011	642	91.6	91.6	2.6	1.4	3.1	1.4	0.0	91.7	91.5
Singapore	2007	711	93.3	93.3	2.3	1.5	3.0	0.0	0.0	93.3	93.2
	2011	903	94.5	94.5	2.5	0.9	2.1	0.0	0.0	94.6	94.5
Slovak Republic	2007	716	82.9	82.9	5.7	5.4	3.0	2.0	0.9	84.8	80.9
	2011	795	84.1	84.1	6.2	2.7	6.0	0.9	0.1	85.3	82.8
Slovenia	2007	627	82.0	82.0	8.0	2.1	5.4	2.2	0.2	84.6	79.5
	2011	642	80.6	80.6	9.4	3.1	5.4	1.6	0.0	82.5	78.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_03 (M041034): Number / Knowing
Label: Multiples of 3 - Key: A

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	33.9	33.9	25.7	30.4	5.6	4.1	0.3	28.2	39.8
	2011	644	34.3	34.3	27.9	25.8	6.2	5.6	0.2	36.1	32.9
Tunisia	2007	592	37.7	37.7	23.9	10.4	8.4	16.1	3.4	39.2	36.3
	2011	685	42.8	42.8	24.4	15.7	9.8	6.1	1.3	46.3	40.1
United States	2007	1116	70.6	70.6	12.4	9.0	6.0	1.9	0.1	68.6	72.7
	2011	1800	75.9	75.9	9.7	6.0	7.0	1.3	0.1	77.3	74.4
International Avg. (25)	2007	15743	64.0	64.0	16.0	11.1	4.9	3.6	0.4	65.2	62.8
	2011	17540	66.0	66.0	15.6	10.1	5.2	2.9	0.2	67.4	64.7
Alberta, Canada	2007	551	44.3	44.3	25.6	17.8	9.7	2.2	0.4	40.4	47.5
	2011	520	45.0	45.0	27.8	16.6	9.3	0.8	0.4	43.5	46.5
Ontario, Canada	2007	496	44.8	44.8	26.7	14.5	10.3	3.7	0.0	44.9	44.7
	2011	640	42.1	42.1	28.9	15.7	9.8	3.3	0.1	42.8	41.4
Quebec, Canada	2007	567	45.3	45.3	29.8	11.1	10.3	3.5	0.0	48.5	41.2
	2011	616	52.8	52.8	23.7	13.0	8.1	2.5	0.0	52.6	53.1
Dubai, UAE	2007	429	66.9	66.9	15.5	7.0	6.0	4.1	0.6	74.2	59.9
	2011	868	64.6	64.6	16.7	8.0	7.7	2.5	0.6	66.9	62.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_04 (M041087): Number / Knowing
Label: Add 0.36 + 0.77 - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	53.9	12.9	4.8	26.4	1.7	0.3	53.9	48.4	60.1
	2011	870	48.5	10.3	2.9	36.2	2.0	0.1	48.5	49.9	47.2
Austria	2007	685	36.9	44.8	1.4	14.3	2.4	0.2	36.9	39.1	35.2
	2011	661	37.4	39.5	2.1	18.7	2.2	0.0	37.4	31.3	43.7
Chinese Taipei	2007	591	92.3	0.0	1.6	5.9	0.2	0.0	92.3	92.7	91.9
	2011	616	92.2	0.5	0.0	7.0	0.2	0.2	92.2	94.5	90.2
Czech Republic	2007	594	27.0	39.0	5.3	18.7	9.7	0.3	27.0	22.3	31.9
	2011	661	32.7	27.5	7.6	23.2	9.1	0.0	32.7	27.2	38.0
Denmark	2007	492	67.9	9.9	4.0	15.5	2.8	0.0	67.9	63.8	73.4
	2011	567	67.5	6.0	2.2	21.9	1.9	0.4	67.5	69.6	65.4
England	2007	618	68.6	4.5	2.7	22.0	2.2	0.0	68.6	73.4	64.7
	2011	486	62.4	5.7	2.3	27.0	2.3	0.3	62.4	63.7	61.1
Georgia	2007	579	17.8	49.5	5.3	15.6	10.5	1.4	17.8	19.0	16.7
	2011	689	22.3	40.2	8.4	21.8	6.4	0.8	22.3	20.7	23.8
Germany	2007	750	70.0	14.3	1.7	12.1	1.8	0.0	70.0	69.0	71.2
	2011	581	64.3	17.2	1.4	15.5	1.6	0.0	64.3	70.0	58.4
Hong Kong SAR	2007	544	71.0	0.9	12.3	15.3	0.5	0.0	71.0	67.6	74.4
	2011	566	63.5	0.9	17.5	17.3	0.8	0.0	63.5	58.3	68.2
Hungary	2007	577	26.3	43.3	8.9	18.1	2.9	0.5	26.3	25.1	27.9
	2011	742	40.2	27.6	9.8	18.7	3.7	0.2	40.2	39.6	40.7
Iran, Islamic Rep. of	2007	553	3.0	51.1	3.7	22.0	18.7	1.4	3.0	4.5	1.6
	2011	816	4.4	44.2	5.4	31.7	14.2	0.1	4.4	3.5	5.3
Italy	2007	635	72.7	6.6	4.2	15.0	1.2	0.3	72.7	75.7	69.4
	2011	600	66.6	11.0	4.1	15.4	2.7	0.2	66.6	66.4	66.9
Japan	2007	643	71.4	3.5	3.7	20.4	0.8	0.3	71.4	73.2	69.8
	2011	628	87.7	0.3	0.3	11.3	0.2	0.1	87.7	89.4	86.1
Kuwait	2007	533	3.6	35.2	2.0	40.5	17.5	1.2	3.6	4.6	2.5
	2011	585	23.3	6.5	6.9	54.0	8.8	0.4	23.3	30.3	15.4
Lithuania	2007	562	61.7	18.7	3.9	15.0	0.6	0.0	61.7	67.7	55.6
	2011	663	62.8	13.4	2.1	21.0	0.6	0.2	62.8	60.3	65.0
Netherlands	2007	475	65.2	16.6	0.4	17.6	0.2	0.0	65.2	65.4	65.1
	2011	465	66.7	13.7	2.0	16.9	0.6	0.0	66.7	67.7	65.0
New Zealand	2007	708	39.4	11.4	5.4	39.1	4.6	0.1	39.4	40.0	38.8
	2011	798	34.4	14.4	6.1	42.4	2.7	0.1	34.4	33.2	35.6
Norway	2007	577	35.9	18.1	5.5	36.6	3.5	0.4	35.9	34.9	36.8
	2011	439	36.5	19.9	5.2	34.1	4.1	0.2	36.5	36.3	36.7
Russian Federation	2007	642	48.6	25.2	10.6	12.5	3.1	0.0	48.6	52.6	44.9
	2011	642	50.1	19.0	12.0	15.7	3.1	0.0	50.1	50.5	49.7
Singapore	2007	711	91.1	0.7	0.4	7.7	0.0	0.0	91.1	93.2	89.2
	2011	903	91.8	0.6	0.4	7.1	0.1	0.0	91.8	94.8	88.8
Slovak Republic	2007	716	32.5	30.6	10.9	15.7	9.4	0.9	32.5	31.3	33.7
	2011	795	46.2	25.0	5.9	19.2	3.6	0.1	46.2	46.6	45.8
Slovenia	2007	627	19.6	52.3	2.3	21.9	3.7	0.2	19.6	15.8	23.4
	2011	642	29.6	44.3	3.2	19.1	3.8	0.0	29.6	26.4	32.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M13_04 (M041087): Number / Knowing
Label: Add 0.36 + 0.77 - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	38.1	23.5	3.5	26.3	8.2	0.4	38.1	31.0	45.5
	2011	644	35.5	28.4	3.2	25.0	7.8	0.2	35.5	29.5	40.3
Tunisia	2007	592	8.7	41.3	7.1	27.4	12.0	3.5	8.7	10.1	7.3
	2011	703	16.4	40.7	7.4	21.4	13.0	1.2	16.4	19.2	14.2
United States	2007	1116	69.7	10.3	6.0	12.8	1.0	0.1	69.7	71.6	67.8
	2011	1800	74.0	8.5	4.6	12.6	0.3	0.1	74.0	76.9	70.7
International Avg. (25)	2007	15757	47.7	22.6	4.7	19.8	4.8	0.5	47.7	47.7	47.9
	2011	17562	50.3	18.6	4.9	22.2	3.8	0.2	50.3	50.2	50.2
Alberta, Canada	2007	551	42.9	27.2	3.5	23.1	2.9	0.4	42.9	40.1	45.2
	2011	520	45.0	19.3	3.6	31.1	0.6	0.4	45.0	45.8	44.3
Ontario, Canada	2007	496	42.9	22.4	6.4	25.6	2.3	0.5	42.9	42.1	43.6
	2011	640	42.2	20.3	6.2	27.8	3.5	0.1	42.2	42.3	42.0
Quebec, Canada	2007	567	46.8	30.9	3.2	17.8	1.3	0.0	46.8	46.4	47.3
	2011	616	65.0	18.0	3.8	11.9	1.3	0.0	65.0	67.0	62.6
Dubai, UAE	2007	429	51.6	15.1	8.0	21.3	3.3	0.6	51.6	54.5	48.9
	2011	868	48.2	15.8	7.8	24.0	3.4	0.7	48.2	48.9	47.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M13_05 (M041124): Number / Applying

Label: Use the rule to complete the table - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	53.3	8.1	3.3	29.5	5.4	0.4	53.3	54.8	51.6
	2011	870	43.8	8.9	5.3	38.2	3.7	0.1	43.8	47.2	40.6
Austria	2007	685	39.2	6.8	4.3	36.7	12.7	0.2	39.2	39.2	39.3
	2011	661	42.3	5.1	2.4	36.1	14.0	0.0	42.3	40.9	43.7
Chinese Taipei	2007	591	79.4	4.2	3.5	12.0	0.9	0.0	79.4	83.0	76.1
	2011	616	78.7	4.4	3.1	12.5	1.1	0.2	78.7	81.3	76.5
Czech Republic	2007	594	54.4	6.3	7.3	22.3	9.3	0.4	54.4	58.0	50.7
	2011	661	64.7	7.6	6.0	13.4	8.2	0.0	64.7	67.9	61.7
Denmark	2007	492	61.3	6.3	2.0	20.7	9.7	0.0	61.3	58.2	65.3
	2011	567	60.2	8.3	2.9	20.2	7.7	0.6	60.2	62.1	58.3
England	2007	618	63.5	7.6	5.6	17.8	5.6	0.0	63.5	64.2	62.9
	2011	486	55.0	11.4	5.7	23.7	3.9	0.3	55.0	56.0	54.0
Georgia	2007	579	47.1	6.5	4.6	17.8	22.1	1.9	47.1	48.1	46.1
	2011	689	50.9	10.4	7.7	19.3	11.0	0.8	50.9	54.3	47.8
Germany	2007	750	49.6	5.2	4.7	29.7	10.6	0.1	49.6	47.9	51.3
	2011	581	45.3	6.9	5.8	31.2	10.8	0.0	45.3	51.3	39.2
Hong Kong SAR	2007	544	81.0	7.7	0.8	9.4	1.1	0.0	81.0	80.2	81.8
	2011	566	84.7	6.6	0.3	7.0	1.4	0.0	84.7	85.1	84.3
Hungary	2007	577	81.7	6.1	1.9	8.7	0.9	0.8	81.7	85.9	76.3
	2011	742	77.7	8.3	1.4	11.2	0.9	0.3	77.7	79.1	76.5
Iran, Islamic Rep. of	2007	553	40.1	6.1	5.7	33.6	12.7	1.7	40.1	47.1	33.3
	2011	816	48.7	10.3	5.0	24.8	10.9	0.3	48.7	49.4	48.0
Italy	2007	635	57.4	9.2	9.4	17.1	6.5	0.3	57.4	58.9	55.8
	2011	600	53.1	5.6	10.8	24.9	5.4	0.2	53.1	55.5	50.7
Japan	2007	643	79.3	3.7	4.0	11.1	1.7	0.3	79.3	81.1	77.7
	2011	628	80.7	3.8	2.5	12.0	0.8	0.1	80.7	83.0	78.5
Kuwait	2007	533	17.9	1.4	3.3	55.4	19.6	2.3	17.9	25.4	9.0
	2011	585	20.0	3.6	4.2	55.1	16.6	0.5	20.0	21.0	18.8
Lithuania	2007	562	78.8	6.2	5.1	9.1	0.8	0.0	78.8	86.3	71.2
	2011	663	70.6	8.3	4.0	14.2	2.8	0.2	70.6	68.1	73.0
Netherlands	2007	475	34.2	5.0	0.9	54.4	5.5	0.0	34.2	33.1	35.1
	2011	465	31.2	3.8	1.3	58.7	4.9	0.0	31.2	33.3	27.8
New Zealand	2007	708	44.9	7.7	2.1	39.5	5.5	0.3	44.9	44.1	45.7
	2011	798	37.0	6.3	3.6	49.2	3.9	0.1	37.0	39.8	34.1
Norway	2007	577	34.6	5.9	2.3	44.0	12.7	0.4	34.6	35.5	33.9
	2011	439	41.8	6.3	4.7	38.4	8.6	0.2	41.8	50.4	33.5
Russian Federation	2007	642	64.7	4.9	4.2	20.5	5.7	0.0	64.7	66.6	63.0
	2011	642	70.1	6.5	3.9	15.1	4.3	0.0	70.1	71.5	68.8
Singapore	2007	711	75.1	8.1	1.8	14.3	0.7	0.0	75.1	78.4	72.1
	2011	903	76.8	6.7	1.6	14.3	0.5	0.0	76.8	79.8	73.9
Slovak Republic	2007	716	65.0	5.1	3.6	16.4	8.7	1.1	65.0	66.0	64.0
	2011	795	61.3	7.3	6.3	19.4	5.6	0.2	61.3	62.3	60.3
Slovenia	2007	627	49.9	8.8	1.8	32.3	6.8	0.3	49.9	48.2	51.7
	2011	642	53.1	5.8	4.6	25.8	10.6	0.0	53.1	58.2	48.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M13_05 (M041124): Number / Applying

Label: Use the rule to complete the table - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	30.7	3.6	5.0	43.0	17.4	0.4	30.7	33.6	27.6
	2011	644	31.2	5.2	3.3	43.4	16.7	0.3	31.2	31.3	31.1
Tunisia	2007	592	24.6	3.0	8.8	43.6	16.3	3.7	24.6	26.9	22.4
	2011	703	29.4	3.6	5.1	50.2	10.4	1.2	29.4	33.3	26.4
United States	2007	1116	64.3	7.6	4.8	21.4	1.8	0.1	64.3	63.9	64.7
	2011	1800	68.3	7.2	4.3	19.2	1.0	0.1	68.3	70.5	66.0
International Avg. (25)	2007	15757	54.9	6.0	4.0	26.4	8.0	0.6	54.9	56.6	53.1
	2011	17562	55.1	6.7	4.2	27.1	6.6	0.2	55.1	57.3	52.9
Alberta, Canada	2007	551	46.7	8.9	4.3	34.3	5.3	0.4	46.7	46.7	46.8
	2011	520	49.7	7.0	5.1	35.1	2.7	0.4	49.7	50.1	49.3
Ontario, Canada	2007	496	49.5	8.3	2.8	33.3	5.5	0.6	49.5	50.7	48.3
	2011	640	45.9	9.6	5.8	33.7	5.0	0.1	45.9	44.7	47.2
Quebec, Canada	2007	567	52.6	6.9	5.0	27.6	8.0	0.0	52.6	49.8	56.1
	2011	616	52.3	8.8	5.4	28.8	4.8	0.0	52.3	50.7	54.2
Dubai, UAE	2007	429	56.2	5.8	5.7	23.2	7.9	1.2	56.2	61.3	51.4
	2011	868	55.5	6.3	7.3	24.0	6.1	0.7	55.5	62.3	49.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M13_06A (M041302A): Geometric Shapes and Measures / Knowing
Label: What shape is made - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	79.6	1.0	11.3	79.6	6.4	1.3	0.4	77.8	81.6
	2011	870	74.0	3.1	12.7	74.0	7.7	2.3	0.2	77.0	71.1
Austria	2007	685	91.1	0.9	2.8	91.1	3.0	2.0	0.2	91.0	91.2
	2011	661	85.3	1.8	5.8	85.3	6.5	0.7	0.0	83.8	86.8
Chinese Taipei	2007	591	81.3	1.8	4.2	81.3	11.8	0.9	0.0	85.7	77.3
	2011	616	76.8	1.8	3.4	76.8	17.7	0.2	0.2	81.0	73.2
Czech Republic	2007	595	85.4	0.6	5.6	85.4	6.5	1.6	0.4	84.8	86.1
	2011	661	84.9	2.5	6.2	84.9	5.8	0.6	0.0	84.2	85.5
Denmark	2007	491	89.1	0.9	5.3	89.1	3.2	1.2	0.4	91.5	85.8
	2011	567	88.2	2.3	2.0	88.2	4.0	2.9	0.6	88.8	87.7
England	2007	618	86.9	0.6	8.0	86.9	2.9	1.6	0.0	89.5	84.8
	2011	486	82.1	1.6	9.3	82.1	5.7	1.0	0.3	82.7	81.5
Georgia	2007	579	61.2	12.8	8.1	61.2	11.5	4.5	1.9	63.8	58.8
	2011	690	65.5	14.1	4.9	65.5	10.1	4.6	0.8	67.9	63.4
Germany	2007	750	89.8	1.0	3.1	89.8	4.8	1.2	0.1	91.7	87.8
	2011	581	91.4	0.7	2.7	91.4	3.5	1.6	0.0	91.5	91.3
Hong Kong SAR	2007	544	94.0	0.6	1.1	94.0	4.3	0.0	0.0	93.8	94.1
	2011	566	89.8	1.4	1.2	89.8	6.8	0.9	0.0	92.1	87.7
Hungary	2007	577	87.3	1.6	2.8	87.3	6.6	1.0	0.8	87.9	86.6
	2011	743	89.1	1.5	3.1	89.1	4.7	1.2	0.4	90.4	88.0
Iran, Islamic Rep. of	2007	553	74.0	4.0	2.2	74.0	13.3	4.7	1.7	75.2	72.7
	2011	816	76.3	3.5	4.4	76.3	11.6	3.5	0.7	79.0	73.5
Italy	2007	634	60.7	2.0	29.0	60.7	6.2	1.8	0.3	58.0	63.7
	2011	600	60.9	3.8	29.1	60.9	4.5	1.5	0.2	59.7	62.2
Japan	2007	643	86.1	1.7	5.9	86.1	5.5	0.6	0.3	85.9	86.3
	2011	628	91.8	0.9	2.9	91.8	4.0	0.1	0.1	93.3	90.4
Kuwait	2007	533	24.6	16.8	30.9	24.6	15.3	9.6	2.7	28.4	20.1
	2011	583	32.3	15.3	19.1	32.3	24.6	7.7	1.1	35.4	28.7
Lithuania	2007	562	85.0	5.4	3.3	85.0	4.7	1.5	0.1	84.9	85.1
	2011	663	86.1	4.7	4.3	86.1	3.9	0.8	0.2	88.8	83.6
Netherlands	2007	475	88.7	0.7	6.0	88.7	4.2	0.4	0.0	87.4	89.8
	2011	465	83.0	2.2	9.0	83.0	5.2	0.6	0.0	83.1	82.8
New Zealand	2007	708	66.4	2.8	16.8	66.4	11.4	2.3	0.3	70.9	61.8
	2011	798	64.2	3.2	19.1	64.2	11.0	2.4	0.1	65.9	62.4
Norway	2007	577	83.4	2.5	4.3	83.4	7.3	1.9	0.7	86.5	80.7
	2011	439	86.4	2.2	4.7	86.4	5.2	1.3	0.2	86.5	86.2
Russian Federation	2007	642	89.2	2.2	2.9	89.2	4.7	1.0	0.0	87.2	91.1
	2011	642	89.0	0.9	4.4	89.0	5.1	0.5	0.0	90.1	88.1
Singapore	2007	711	70.4	1.7	23.4	70.4	4.4	0.1	0.0	70.8	70.0
	2011	903	74.5	1.9	19.8	74.5	3.5	0.4	0.0	74.3	74.6
Slovak Republic	2007	716	86.3	3.4	3.5	86.3	4.1	1.6	1.1	87.5	85.1
	2011	795	86.5	2.6	4.0	86.5	6.3	0.5	0.2	88.1	84.7
Slovenia	2007	627	91.0	0.9	2.9	91.0	3.6	1.2	0.4	92.8	89.2
	2011	642	92.4	2.1	1.5	92.4	3.1	0.9	0.0	91.3	93.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_06A (M041302A): Geometric Shapes and Measures / Knowing
Label: What shape is made - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	86.5	0.3	5.0	86.5	6.0	1.7	0.4	88.6	84.4
	2011	644	86.3	1.4	5.5	86.3	4.3	2.2	0.3	85.0	87.3
Tunisia	2007	592	52.4	8.9	11.5	52.4	9.4	13.8	4.1	51.6	53.2
	2011	694	62.6	8.3	11.6	62.6	9.4	6.8	1.2	64.2	61.3
United States	2007	1116	73.6	1.8	17.6	73.6	5.0	1.8	0.1	74.4	72.8
	2011	1800	74.8	1.7	15.6	74.8	6.5	1.3	0.1	75.0	74.6

International Avg. (25)	2007	15756	78.6	3.1	8.7	78.6	6.6	2.4	0.7	79.5	77.6
	2011	17553	79.0	3.4	8.3	79.0	7.2	1.9	0.3	80.0	78.0

Alberta, Canada	2007	551	60.3	1.8	30.3	60.3	5.4	1.8	0.4	60.4	60.3
	2011	520	64.3	1.4	25.2	64.3	7.7	0.7	0.7	64.8	63.9
Ontario, Canada	2007	496	75.5	0.2	15.7	75.5	6.5	1.5	0.6	78.0	73.1
	2011	640	76.1	2.8	15.0	76.1	4.8	1.0	0.2	78.3	73.9
Quebec, Canada	2007	567	64.3	1.3	27.9	64.3	5.4	1.1	0.0	64.4	64.2
	2011	616	69.5	1.2	22.8	69.5	5.9	0.7	0.0	68.4	70.7
Dubai, UAE	2007	429	40.8	8.7	33.9	40.8	11.1	4.0	1.4	42.9	38.8
	2011	868	54.3	6.1	24.7	54.3	12.5	1.7	0.7	57.5	51.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_06B (M041302B): Geometric Shapes and Measures / Reasoning
Label: What points did you connect - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	72 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	66.5	3.0	0.2	19.7	9.3	0.9	0.4	66.5	68.4	64.3
	2011	870	63.9	3.2	0.9	18.8	12.4	0.6	0.2	63.9	69.3	58.8
Austria	2007	685	66.2	3.6	0.2	21.7	7.3	0.8	0.3	66.2	68.2	64.5
	2011	661	66.8	2.5	0.5	19.4	10.1	0.8	0.0	66.8	66.9	66.7
Chinese Taipei	2007	591	65.8	3.4	1.1	10.5	18.3	0.9	0.0	65.8	70.4	61.6
	2011	616	59.4	2.8	0.0	28.8	8.1	0.6	0.2	59.4	62.4	56.9
Czech Republic	2007	595	58.4	5.3	0.8	25.7	7.0	2.1	0.8	58.4	60.4	56.2
	2011	661	57.0	5.2	1.1	24.7	10.6	1.4	0.0	57.0	59.3	54.9
Denmark	2007	492	75.0	5.1	0.1	6.5	11.6	1.4	0.4	75.0	78.6	70.1
	2011	567	75.0	4.7	0.5	6.2	10.7	2.4	0.6	75.0	79.0	71.0
England	2007	618	66.4	3.6	0.5	19.9	7.9	1.7	0.0	66.4	70.1	63.3
	2011	486	60.9	4.9	0.7	20.9	11.5	0.9	0.3	60.9	58.3	63.5
Georgia	2007	579	41.1	8.0	2.2	16.3	20.3	9.8	2.3	41.1	43.9	38.5
	2011	690	40.9	10.5	2.4	21.0	20.6	3.6	1.0	40.9	46.7	35.8
Germany	2007	750	69.5	3.2	0.1	17.0	8.1	1.7	0.4	69.5	72.8	66.1
	2011	581	65.8	3.5	0.8	21.6	7.2	1.1	0.0	65.8	68.0	63.5
Hong Kong SAR	2007	544	61.1	17.8	0.7	15.9	4.5	0.0	0.0	61.1	58.4	63.8
	2011	566	60.6	14.5	1.6	15.9	7.1	0.4	0.0	60.6	64.0	57.6
Hungary	2007	577	64.8	3.4	0.3	18.2	11.8	0.6	0.9	64.8	62.7	67.4
	2011	741	66.8	4.4	0.5	14.2	12.2	1.3	0.4	66.8	70.8	63.2
Iran, Islamic Rep. of	2007	553	37.6	5.8	0.0	16.8	33.5	3.1	3.1	37.6	39.2	36.1
	2011	816	41.8	6.6	0.3	23.3	23.4	3.7	0.8	41.8	44.5	39.1
Italy	2007	635	57.0	11.1	0.9	18.0	10.2	2.6	0.3	57.0	59.1	54.6
	2011	600	52.0	12.5	0.8	21.0	12.5	0.9	0.2	52.0	55.5	48.5
Japan	2007	643	72.6	5.6	4.0	9.5	7.5	0.6	0.3	72.6	78.0	67.8
	2011	628	75.7	9.1	1.1	5.3	8.0	0.5	0.1	75.7	82.0	69.6
Kuwait	2007	533	14.4	8.6	1.2	8.1	52.2	12.0	3.5	14.4	18.5	9.4
	2011	586	19.5	3.0	0.7	13.3	53.4	8.9	1.2	19.5	22.1	16.6
Lithuania	2007	562	76.0	1.0	0.0	14.1	8.5	0.3	0.1	76.0	79.0	72.9
	2011	663	72.5	4.3	0.2	13.6	8.6	0.6	0.2	72.5	76.9	68.5
Netherlands	2007	475	61.7	4.2	1.8	21.2	10.1	1.1	0.0	61.7	58.8	64.3
	2011	465	61.9	3.2	2.0	20.9	11.7	0.4	0.0	61.9	63.7	59.2
New Zealand	2007	708	60.2	4.1	0.6	19.4	12.9	2.4	0.3	60.2	62.1	58.3
	2011	798	56.1	4.8	1.1	22.0	15.1	0.9	0.1	56.1	59.9	52.3
Norway	2007	577	60.8	4.4	0.5	13.3	18.8	1.4	0.8	60.8	63.3	58.6
	2011	439	55.3	3.3	19.5	3.2	17.6	0.7	0.5	55.3	62.0	48.9
Russian Federation	2007	642	66.5	6.1	2.0	15.0	8.7	1.6	0.0	66.5	70.2	63.1
	2011	642	68.7	4.0	2.8	15.7	8.0	0.9	0.0	68.7	71.3	66.2
Singapore	2007	711	69.9	3.0	1.2	15.7	10.3	0.0	0.0	69.9	72.7	67.2
	2011	903	64.1	4.6	3.0	16.9	11.0	0.4	0.0	64.1	69.0	59.3
Slovak Republic	2007	716	63.7	3.2	0.7	17.4	11.1	2.7	1.2	63.7	66.6	60.8
	2011	795	59.2	2.8	0.6	22.9	13.4	1.0	0.3	59.2	60.7	57.5
Slovenia	2007	627	59.4	8.6	0.8	22.2	6.5	1.9	0.6	59.4	63.5	55.4
	2011	642	69.6	2.6	1.0	15.5	10.0	1.2	0.0	69.6	68.3	71.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M13_06B (M041302B): Geometric Shapes and Measures / Reasoning
Label: What points did you connect - Points: 1

COUNTRY	YEAR	N	10 %	70 %	71 %	72 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	66.5	5.1	0.3	14.5	12.1	1.1	0.4	66.5	67.5	65.4
	2011	644	70.6	2.7	0.6	13.7	11.4	0.8	0.3	70.6	67.7	72.9
Tunisia	2007	592	21.6	2.9	0.0	24.0	40.6	6.2	4.7	21.6	23.9	19.3
	2011	703	25.3	3.8	1.1	21.6	42.6	4.2	1.4	25.3	26.8	24.2
United States	2007	1116	63.5	4.0	3.1	16.5	10.9	1.7	0.1	63.5	63.5	63.5
	2011	1800	67.0	2.9	0.8	17.1	10.7	1.2	0.3	67.0	69.2	64.6
International Avg. (25)	2007	15758	59.4	5.4	0.9	16.7	14.4	2.3	0.8	59.4	61.6	57.3
	2011	17563	59.1	5.1	1.8	17.5	14.7	1.6	0.3	59.1	61.8	56.4
Alberta, Canada	2007	551	64.8	2.0	1.9	18.1	11.0	1.7	0.4	64.8	67.2	62.9
	2011	520	63.7	5.3	0.8	15.7	13.1	0.4	1.0	63.7	69.4	58.2
Ontario, Canada	2007	496	66.7	3.1	1.8	16.2	10.8	0.8	0.6	66.7	70.3	63.1
	2011	639	69.2	4.1	0.9	14.4	10.7	0.4	0.2	69.2	71.5	66.9
Quebec, Canada	2007	567	68.4	1.8	2.8	15.6	10.2	1.2	0.0	68.4	66.6	70.7
	2011	616	69.4	4.4	14.4	4.7	6.9	0.2	0.0	69.4	68.9	69.9
Dubai, UAE	2007	429	48.1	7.5	0.6	17.8	20.7	3.9	1.4	48.1	54.3	42.2
	2011	868	48.1	4.9	0.9	19.9	23.8	1.7	0.7	48.1	51.0	45.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M13_06C (M041302C): Geometric Shapes and Measures / Reasoning
Label: Draw a 6-sided shape - Points: 1

COUNTRY	YEAR	N	10 %	11 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	46.1	25.0	3.6	21.6	3.3	0.5	71.1	71.5	70.6
	2011	870	48.9	20.0	4.3	24.2	2.1	0.4	68.9	68.6	69.2
Austria	2007	685	49.9	12.0	3.7	23.0	11.0	0.4	61.9	64.5	59.9
	2011	661	49.2	14.8	5.7	21.6	8.7	0.0	64.0	61.1	67.0
Chinese Taipei	2007	591	64.7	9.8	4.5	17.7	3.2	0.0	74.5	73.6	75.4
	2011	616	47.3	22.7	7.1	19.3	3.5	0.2	69.9	66.6	72.9
Czech Republic	2007	595	40.6	12.9	1.6	23.9	20.2	0.8	53.5	50.1	57.2
	2011	661	54.4	15.9	4.8	14.8	10.1	0.0	70.3	69.2	71.3
Denmark	2007	492	74.3	11.7	0.8	8.8	4.0	0.4	86.0	90.7	79.9
	2011	567	73.1	15.9	1.2	5.5	3.7	0.6	89.0	88.6	89.5
England	2007	618	52.2	19.6	5.1	17.9	5.1	0.1	71.8	71.3	72.2
	2011	486	42.9	20.8	5.7	27.5	2.8	0.3	63.7	62.2	65.1
Georgia	2007	579	36.2	6.1	7.0	26.8	21.1	2.8	42.3	41.3	43.2
	2011	690	34.8	11.0	8.9	31.7	12.2	1.4	45.9	51.4	41.0
Germany	2007	750	50.5	12.0	0.4	27.4	8.9	0.8	62.5	60.2	64.9
	2011	581	52.8	16.5	1.9	22.1	6.7	0.0	69.3	69.3	69.4
Hong Kong SAR	2007	544	33.5	57.2	2.8	5.0	1.6	0.0	90.7	89.5	91.8
	2011	566	35.6	56.2	1.1	6.2	0.9	0.0	91.8	92.5	91.2
Hungary	2007	577	49.2	15.0	4.5	25.2	5.2	0.9	64.2	64.5	63.8
	2011	743	51.3	14.1	2.6	25.5	6.1	0.4	65.4	67.3	63.6
Iran, Islamic Rep. of	2007	553	32.6	18.3	5.1	31.5	9.6	3.1	50.8	52.3	49.4
	2011	816	35.1	23.2	4.3	27.5	8.7	1.2	58.3	58.2	58.5
Italy	2007	635	50.0	11.0	1.2	24.9	12.6	0.3	61.0	58.3	63.9
	2011	600	46.6	17.7	6.5	21.0	8.0	0.2	64.3	61.4	67.3
Japan	2007	643	70.7	16.1	1.9	9.3	1.7	0.3	86.8	90.1	83.8
	2011	628	75.3	15.9	1.8	6.2	0.7	0.1	91.2	94.1	88.3
Kuwait	2007	533	5.0	2.1	0.0	54.3	34.9	3.8	7.1	10.3	3.3
	2011	584	8.0	5.7	5.6	59.4	19.9	1.4	13.7	16.2	10.9
Lithuania	2007	562	51.5	18.2	5.3	21.0	3.9	0.1	69.7	73.9	65.4
	2011	663	52.1	20.6	5.9	15.4	5.8	0.3	72.7	74.8	70.7
Netherlands	2007	475	59.6	8.5	1.0	29.0	1.7	0.3	68.1	64.9	71.0
	2011	465	61.0	8.7	2.8	24.4	3.2	0.0	69.7	72.4	66.8
New Zealand	2007	708	43.2	21.8	3.6	24.8	6.3	0.3	65.0	65.7	64.3
	2011	798	40.6	21.6	3.1	30.8	3.9	0.1	62.2	63.3	61.0
Norway	2007	577	56.8	11.2	0.5	24.1	6.4	1.0	67.9	72.0	64.3
	2011	439	58.7	10.3	2.5	24.7	3.3	0.5	69.0	69.8	68.3
Russian Federation	2007	642	52.2	17.7	6.3	16.0	7.7	0.0	69.9	68.0	71.7
	2011	642	58.4	18.6	3.5	14.2	5.3	0.0	77.0	77.5	76.5
Singapore	2007	711	46.2	26.4	1.5	25.2	0.7	0.0	72.6	74.5	70.9
	2011	903	40.7	28.6	3.2	25.8	1.6	0.0	69.3	69.7	68.9
Slovak Republic	2007	716	49.1	11.2	3.5	20.1	14.7	1.4	60.3	61.6	59.1
	2011	795	53.6	9.7	5.4	23.3	7.7	0.4	63.2	60.8	65.9
Slovenia	2007	627	47.4	16.3	6.2	24.8	4.5	0.7	63.8	61.1	66.4
	2011	642	50.7	20.8	6.0	19.6	2.9	0.0	71.5	71.3	71.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M13_06C (M041302C): Geometric Shapes and Measures / Reasoning
Label: Draw a 6-sided shape - Points: 1

COUNTRY	YEAR	N	10 %	11 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	51.7	18.7	1.7	18.7	8.8	0.4	70.5	72.9	68.0
	2011	644	53.9	14.9	2.1	21.7	7.1	0.3	68.9	65.5	71.5
Tunisia	2007	592	12.3	2.8	17.0	52.1	11.0	4.8	15.2	15.9	14.5
	2011	703	14.5	8.3	14.7	53.4	7.2	1.9	22.8	22.3	23.1
United States	2007	1116	38.4	23.8	7.6	26.9	3.1	0.1	62.2	60.7	63.8
	2011	1800	37.2	28.8	6.5	25.3	1.8	0.3	66.0	64.4	67.7
International Avg. (25)	2007	15758	46.6	16.2	3.8	24.0	8.4	0.9	62.8	63.2	62.4
	2011	17563	47.1	18.4	4.7	23.6	5.7	0.4	65.5	65.5	65.5
Alberta, Canada	2007	551	39.7	20.9	3.5	30.9	4.5	0.4	60.6	56.7	63.8
	2011	520	46.8	18.8	4.0	27.3	2.2	1.0	65.5	66.4	64.7
Ontario, Canada	2007	496	42.6	24.5	3.7	25.2	3.4	0.6	67.1	65.1	69.0
	2011	640	43.9	25.8	4.8	23.7	1.5	0.2	69.7	73.0	66.4
Quebec, Canada	2007	567	52.7	12.6	3.0	24.4	6.9	0.3	65.3	63.8	67.3
	2011	616	51.6	18.8	4.3	21.5	3.9	0.0	70.3	68.0	72.9
Dubai, UAE	2007	429	26.3	13.1	4.9	37.1	17.1	1.4	39.4	41.3	37.6
	2011	868	33.8	16.9	5.0	33.5	9.9	0.8	50.7	55.1	46.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M13_07 (M041254): Geometric Shapes and Measures / Knowing
Label: How many edges does the cube have - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	70.5	13.3	9.4	4.7	70.5	1.6	0.5	68.5	72.7
	2011	870	64.0	16.8	9.8	8.3	64.0	0.8	0.4	63.1	64.9
Austria	2007	685	61.1	23.7	8.4	4.3	61.1	1.9	0.6	59.9	62.1
	2011	661	62.9	21.8	7.7	5.9	62.9	1.8	0.0	59.5	66.3
Chinese Taipei	2007	591	91.5	3.2	2.9	1.8	91.5	0.6	0.0	93.3	89.8
	2011	616	81.3	6.7	7.3	4.4	81.3	0.2	0.2	81.7	80.9
Czech Republic	2007	595	38.5	39.8	10.6	5.8	38.5	4.3	1.1	41.3	35.6
	2011	661	41.4	37.8	13.0	5.1	41.4	2.6	0.0	42.1	40.7
Denmark	2007	490	36.6	31.3	14.5	8.7	36.6	7.8	1.2	36.7	36.3
	2011	567	35.3	38.3	10.8	7.6	35.3	7.2	0.8	34.7	35.8
England	2007	618	61.3	16.2	10.4	10.3	61.3	1.7	0.1	67.6	56.3
	2011	486	62.1	19.4	8.4	8.6	62.1	1.2	0.3	64.3	60.0
Georgia	2007	579	47.5	28.5	7.1	8.0	47.5	5.3	3.5	44.3	50.5
	2011	690	56.7	26.5	8.6	6.1	56.7	0.7	1.5	58.6	54.9
Germany	2007	750	67.9	17.7	8.1	3.5	67.9	1.5	1.3	68.0	67.8
	2011	581	71.9	15.6	6.8	3.9	71.9	1.8	0.0	72.7	71.1
Hong Kong SAR	2007	544	82.5	4.6	4.6	7.8	82.5	0.2	0.3	82.3	82.7
	2011	566	78.1	5.7	4.2	11.0	78.1	1.0	0.0	77.1	79.0
Hungary	2007	577	59.5	21.1	10.5	6.5	59.5	1.2	1.2	61.5	57.0
	2011	743	63.5	22.3	7.8	5.0	63.5	1.0	0.4	64.2	62.8
Iran, Islamic Rep. of	2007	553	26.9	41.2	13.8	7.1	26.9	6.2	4.8	26.7	27.0
	2011	816	29.7	40.7	16.3	8.1	29.7	3.8	1.5	31.2	28.1
Italy	2007	633	29.5	50.9	11.4	3.3	29.5	3.6	1.3	27.7	31.4
	2011	600	29.5	51.2	10.2	4.7	29.5	4.1	0.2	30.0	29.1
Japan	2007	643	66.1	10.6	12.6	9.2	66.1	1.2	0.3	64.7	67.3
	2011	628	91.5	3.4	2.6	2.1	91.5	0.3	0.1	91.5	91.5
Kuwait	2007	533	17.2	44.6	17.4	9.0	17.2	7.7	4.1	21.9	11.6
	2011	582	24.0	39.2	18.7	10.7	24.0	5.8	1.6	24.5	23.4
Lithuania	2007	562	71.8	14.2	5.7	7.9	71.8	0.3	0.1	73.8	69.8
	2011	663	77.4	10.6	4.0	7.5	77.4	0.3	0.3	75.3	79.3
Netherlands	2007	475	35.1	42.9	15.1	6.1	35.1	0.6	0.3	35.7	34.5
	2011	465	36.5	38.1	16.7	7.0	36.5	1.7	0.0	35.4	37.7
New Zealand	2007	708	53.5	22.9	11.3	8.7	53.5	3.3	0.3	55.0	52.1
	2011	798	48.3	29.7	11.5	9.5	48.3	0.8	0.2	46.0	50.6
Norway	2007	577	25.7	45.6	14.2	5.0	25.7	6.8	2.7	27.3	24.3
	2011	439	39.5	42.8	11.0	3.9	39.5	2.1	0.7	40.4	38.6
Russian Federation	2007	642	56.4	24.1	9.1	8.0	56.4	2.4	0.0	58.4	54.6
	2011	642	55.8	24.6	10.7	8.2	55.8	0.7	0.0	56.5	55.1
Singapore	2007	711	56.9	20.7	14.6	7.2	56.9	0.5	0.0	54.9	58.8
	2011	903	43.5	34.7	15.3	6.2	43.5	0.4	0.0	41.2	45.7
Slovak Republic	2007	716	46.1	33.1	9.5	6.0	46.1	3.2	2.1	43.0	49.1
	2011	795	41.1	36.5	14.8	6.5	41.1	0.7	0.4	41.9	40.2
Slovenia	2007	627	66.1	17.8	7.8	6.0	66.1	1.1	1.2	66.0	66.2
	2011	642	71.4	14.1	6.6	6.7	71.4	1.1	0.0	71.3	71.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_07 (M041254): Geometric Shapes and Measures / Knowing
Label: How many edges does the cube have - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	28.9	45.9	13.7	7.1	28.9	3.1	1.3	26.3	31.6
	2011	644	35.2	38.7	15.8	6.6	35.2	3.4	0.3	30.9	38.6
Tunisia	2007	592	15.9	33.3	16.9	15.1	15.9	13.3	5.4	12.2	19.7
	2011	694	21.8	39.5	13.9	16.6	21.8	6.2	2.0	18.7	24.2
United States	2007	1116	53.5	25.4	11.6	7.3	53.5	2.0	0.1	48.7	58.4
	2011	1800	61.1	20.2	9.1	7.8	61.1	1.5	0.3	61.4	60.8
International Avg. (25)	2007	15754	50.7	26.9	10.9	7.0	50.7	3.3	1.3	50.6	50.7
	2011	17552	52.9	27.0	10.5	7.1	52.9	2.0	0.4	52.6	53.2
Alberta, Canada	2007	551	60.2	19.6	10.1	6.9	60.2	2.8	0.4	58.8	61.3
	2011	520	55.6	22.8	9.2	8.9	55.6	2.3	1.1	50.7	60.2
Ontario, Canada	2007	496	61.7	19.0	9.0	7.9	61.7	1.3	1.1	61.4	62.1
	2011	640	64.1	17.6	8.6	8.1	64.1	1.2	0.4	64.2	64.1
Quebec, Canada	2007	567	74.0	11.1	6.1	6.3	74.0	1.9	0.6	74.5	73.4
	2011	616	80.5	7.2	5.1	6.1	80.5	0.9	0.3	81.9	78.8
Dubai, UAE	2007	429	37.9	35.9	13.1	7.2	37.9	4.2	1.8	40.7	35.3
	2011	868	40.5	32.4	14.8	8.7	40.5	2.6	0.9	43.5	37.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_08 (M041153): Geometric Shapes and Measures / Applying
Label: Perimeter of the compound figure - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	62.6	7.8	20.6	62.6	6.0	2.4	0.6	60.3	65.3
	2011	870	60.0	11.0	20.6	60.0	7.2	0.8	0.5	60.8	59.2
Austria	2007	685	49.5	15.8	17.9	49.5	9.4	6.9	0.6	46.4	52.1
	2011	661	55.2	13.2	19.2	55.2	6.7	5.7	0.0	49.3	61.2
Chinese Taipei	2007	591	73.4	4.7	8.6	73.4	12.8	0.5	0.0	71.3	75.4
	2011	616	81.4	4.1	8.0	81.4	6.2	0.2	0.2	82.9	80.1
Czech Republic	2007	595	45.0	14.0	17.9	45.0	14.1	7.8	1.1	40.9	49.5
	2011	661	48.9	14.7	14.8	48.9	18.0	3.4	0.0	49.2	48.7
Denmark	2007	492	71.3	5.2	17.1	71.3	3.1	2.0	1.3	71.2	71.5
	2011	567	72.6	6.7	14.8	72.6	2.0	2.5	1.4	72.2	72.9
England	2007	618	65.8	9.5	16.7	65.8	5.5	2.3	0.1	67.9	64.1
	2011	486	60.0	8.1	21.9	60.0	6.4	3.3	0.3	51.6	68.3
Georgia	2007	579	27.2	21.7	15.0	27.2	23.7	8.8	3.5	26.2	28.1
	2011	690	33.2	17.9	18.9	33.2	21.9	6.6	1.5	28.2	37.6
Germany	2007	750	57.5	9.9	21.1	57.5	6.5	3.6	1.3	54.7	60.5
	2011	581	61.4	7.1	22.8	61.4	5.5	3.0	0.2	59.6	63.2
Hong Kong SAR	2007	544	82.5	1.0	5.3	82.5	10.0	0.9	0.3	81.9	83.2
	2011	566	82.2	1.4	5.4	82.2	9.4	1.6	0.0	81.8	82.6
Hungary	2007	577	55.8	13.3	15.2	55.8	11.2	3.3	1.2	55.6	56.2
	2011	743	56.7	13.6	18.2	56.7	9.0	1.7	0.9	56.4	56.9
Iran, Islamic Rep. of	2007	553	20.2	35.7	14.3	20.2	18.7	5.2	5.8	20.2	20.2
	2011	816	25.5	31.7	15.9	25.5	19.2	5.6	2.1	21.5	29.6
Italy	2007	634	53.1	15.9	19.7	53.1	5.6	4.1	1.5	52.1	54.2
	2011	600	57.9	16.9	16.4	57.9	5.7	2.9	0.2	57.4	58.4
Japan	2007	643	70.5	6.7	16.9	70.5	4.6	0.9	0.3	68.7	72.1
	2011	628	69.8	6.0	18.9	69.8	4.0	1.1	0.1	71.9	67.8
Kuwait	2007	533	13.2	38.2	27.3	13.2	8.4	7.8	5.2	14.3	11.8
	2011	580	23.1	36.0	28.6	23.1	5.4	5.1	1.8	22.2	24.1
Lithuania	2007	562	57.1	10.1	12.6	57.1	17.9	2.4	0.1	56.9	57.2
	2011	663	57.7	9.7	14.6	57.7	16.2	1.6	0.3	60.3	55.3
Netherlands	2007	475	71.3	5.3	15.0	71.3	7.2	0.9	0.3	71.4	71.1
	2011	465	71.9	4.4	17.1	71.9	6.2	0.4	0.0	73.2	70.6
New Zealand	2007	708	46.8	14.1	24.0	46.8	9.8	4.7	0.6	44.7	49.0
	2011	798	40.6	19.0	29.9	40.6	7.8	2.2	0.6	37.2	44.0
Norway	2007	577	46.4	16.3	27.1	46.4	2.5	3.5	4.2	48.5	44.6
	2011	439	58.0	14.8	19.9	58.0	4.2	2.3	0.7	55.4	60.5
Russian Federation	2007	642	40.4	15.1	15.0	40.4	25.5	3.9	0.1	37.7	42.9
	2011	642	45.9	14.0	15.4	45.9	21.1	3.5	0.0	46.7	45.2
Singapore	2007	711	83.6	2.0	6.6	83.6	6.9	0.8	0.0	85.2	82.2
	2011	903	86.0	2.0	4.6	86.0	7.0	0.4	0.0	85.5	86.6
Slovak Republic	2007	716	51.5	16.3	16.5	51.5	10.3	3.3	2.2	49.4	53.6
	2011	795	51.3	18.1	19.7	51.3	9.7	0.8	0.4	48.7	54.0
Slovenia	2007	627	48.9	15.0	22.7	48.9	7.4	4.5	1.4	45.1	52.7
	2011	642	48.6	16.0	23.6	48.6	6.3	5.5	0.0	44.8	52.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_08 (M041153): Geometric Shapes and Measures / Applying
Label: Perimeter of the compound figure - Key: C

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	69.9	3.9	16.0	69.9	6.1	2.7	1.4	70.9	68.8
	2011	644	67.5	5.7	15.8	67.5	7.2	3.5	0.3	67.6	67.4
Tunisia	2007	592	25.9	27.5	18.9	25.9	10.7	10.1	6.9	22.7	29.1
	2011	695	33.8	24.2	20.7	33.8	12.9	5.6	2.7	27.5	38.7
United States	2007	1116	55.5	14.9	21.0	55.5	5.8	2.4	0.4	52.2	59.0
	2011	1800	59.4	13.9	18.6	59.4	6.3	1.4	0.4	54.7	64.4

International Avg. (25)	2007	15757	53.8	13.6	17.2	53.8	10.0	3.8	1.6	52.6	55.0
	2011	17551	56.3	13.2	17.8	56.3	9.3	2.8	0.6	54.7	58.0

Alberta, Canada	2007	551	58.8	13.3	19.8	58.8	5.2	1.6	1.3	49.1	66.8
	2011	520	62.2	10.2	19.6	62.2	4.2	2.4	1.4	57.6	66.5
Ontario, Canada	2007	496	65.7	10.1	16.9	65.7	3.6	2.6	1.1	62.2	69.3
	2011	640	69.6	7.0	15.9	69.6	5.6	1.5	0.4	68.0	71.3
Quebec, Canada	2007	567	68.2	8.7	16.7	68.2	3.1	2.6	0.7	68.2	68.1
	2011	616	70.5	7.2	15.7	70.5	4.8	1.4	0.3	68.6	72.6
Dubai, UAE	2007	429	32.5	29.5	20.1	32.5	8.5	7.2	2.2	29.5	35.4
	2011	868	36.9	23.6	25.0	36.9	9.7	3.4	1.3	38.2	35.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_09 (M041132): Geometric Shapes and Measures / Applying
Label: How many tiles long the snake is - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	43.9	4.6	43.9	27.7	21.1	2.1	0.6	39.2	49.0
	2011	870	44.0	4.1	44.0	25.8	24.5	0.9	0.6	47.8	40.5
Austria	2007	685	45.9	2.8	45.9	27.5	21.8	1.5	0.6	41.2	49.7
	2011	661	47.9	2.8	47.9	27.7	20.8	0.8	0.0	41.3	54.6
Chinese Taipei	2007	591	50.1	4.3	50.1	21.3	23.8	0.4	0.0	49.8	50.3
	2011	616	48.3	4.5	48.3	22.5	24.5	0.0	0.2	46.9	49.5
Czech Republic	2007	593	46.9	4.0	46.9	21.9	24.7	1.4	1.1	43.2	50.9
	2011	661	41.2	4.0	41.2	21.9	31.8	1.0	0.0	38.9	43.5
Denmark	2007	491	47.1	3.3	47.1	27.1	18.2	2.3	1.9	47.9	46.1
	2011	567	48.4	4.1	48.4	24.7	19.6	1.7	1.4	45.9	50.9
England	2007	618	50.3	3.0	50.3	25.0	20.3	1.4	0.1	49.0	51.4
	2011	486	48.7	4.6	48.7	26.5	18.9	1.0	0.3	47.7	49.6
Georgia	2007	579	38.4	3.9	38.4	19.9	27.2	6.8	3.8	37.4	39.3
	2011	689	46.5	6.3	46.5	21.1	22.3	1.5	2.3	45.1	47.7
Germany	2007	750	45.7	5.5	45.7	25.7	20.0	1.7	1.3	39.1	52.6
	2011	581	48.8	4.3	48.8	27.8	18.1	0.7	0.2	48.6	49.1
Hong Kong SAR	2007	544	54.4	8.0	54.4	21.4	15.5	0.4	0.3	57.3	51.4
	2011	566	50.9	7.6	50.9	23.1	17.6	0.7	0.0	49.5	52.1
Hungary	2007	577	51.3	3.5	51.3	21.8	21.4	0.9	1.2	47.6	56.0
	2011	743	49.8	3.8	49.8	24.2	20.5	0.8	0.9	45.1	54.0
Iran, Islamic Rep. of	2007	553	38.0	5.8	38.0	16.9	28.7	2.9	7.7	37.3	38.8
	2011	816	41.7	7.4	41.7	21.9	24.7	1.6	2.7	41.3	42.0
Italy	2007	634	46.6	7.0	46.6	21.0	23.2	0.6	1.7	43.2	50.3
	2011	600	47.8	5.7	47.8	18.0	27.0	1.3	0.2	44.5	51.2
Japan	2007	643	52.8	6.2	52.8	23.9	15.3	1.3	0.5	50.7	54.6
	2011	628	57.6	5.0	57.6	21.8	14.9	0.6	0.1	56.7	58.5
Kuwait	2007	533	18.1	6.1	18.1	23.2	40.5	6.5	5.6	16.8	19.6
	2011	583	17.7	9.4	17.7	23.2	41.6	6.0	2.0	15.7	19.9
Lithuania	2007	562	50.2	4.9	50.2	26.6	17.2	0.9	0.2	50.9	49.4
	2011	663	53.2	3.1	53.2	24.5	18.4	0.4	0.3	55.0	51.6
Netherlands	2007	475	49.5	3.0	49.5	33.5	13.2	0.5	0.3	44.5	54.1
	2011	465	46.3	1.9	46.3	32.4	19.1	0.3	0.0	46.9	45.5
New Zealand	2007	708	43.9	4.8	43.9	24.7	23.3	2.7	0.6	44.8	42.9
	2011	798	46.0	3.5	46.0	22.8	26.0	1.1	0.6	45.7	46.3
Norway	2007	577	38.1	8.9	38.1	24.6	22.2	1.6	4.5	40.2	36.2
	2011	439	42.6	6.2	42.6	23.8	25.9	0.8	0.7	42.0	43.1
Russian Federation	2007	642	59.0	4.1	59.0	20.1	16.0	0.2	0.6	55.5	62.3
	2011	642	55.5	3.2	55.5	20.7	19.2	0.8	0.5	54.9	56.1
Singapore	2007	711	48.8	5.3	48.8	24.3	21.2	0.5	0.0	48.1	49.4
	2011	903	49.0	5.8	49.0	24.8	20.3	0.2	0.0	48.2	49.8
Slovak Republic	2007	716	47.6	3.1	47.6	20.9	24.7	1.5	2.2	45.6	49.7
	2011	795	51.6	3.3	51.6	21.6	22.3	0.8	0.4	47.7	55.9
Slovenia	2007	627	47.5	6.3	47.5	20.3	21.9	2.0	2.0	43.9	51.1
	2011	641	51.6	4.5	51.6	21.7	20.9	0.6	0.6	46.2	57.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_09 (M041132): Geometric Shapes and Measures / Applying
Label: How many tiles long the snake is - Key: B

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	48.0	4.5	48.0	26.4	18.3	1.2	1.5	49.5	46.5
	2011	644	47.4	5.4	47.4	28.2	18.2	0.4	0.4	44.9	49.3
Tunisia	2007	592	26.3	9.4	26.3	23.2	25.9	7.3	7.8	25.9	26.7
	2011	695	29.8	6.2	29.8	25.9	29.9	5.0	3.2	25.9	33.0
United States	2007	1116	46.9	4.8	46.9	23.9	22.3	1.7	0.4	45.9	47.8
	2011	1800	49.7	4.2	49.7	23.6	21.4	0.7	0.5	46.8	52.8
International Avg. (25)	2007	15754	45.4	5.1	45.4	23.7	21.9	2.0	1.9	43.8	47.1
	2011	17552	46.5	4.8	46.5	24.0	22.7	1.2	0.7	44.8	48.1
Alberta, Canada	2007	550	45.8	4.8	45.8	23.2	23.2	1.5	1.5	43.8	47.5
	2011	520	44.7	4.3	44.7	26.1	21.8	1.6	1.4	43.0	46.4
Ontario, Canada	2007	496	40.7	3.2	40.7	28.6	24.2	1.9	1.5	41.4	39.9
	2011	640	47.5	5.1	47.5	25.0	20.5	1.4	0.6	45.0	50.0
Quebec, Canada	2007	567	40.8	5.1	40.8	24.6	26.2	2.0	1.3	39.9	41.9
	2011	616	39.4	5.8	39.4	27.6	24.6	2.2	0.3	34.9	44.6
Dubai, UAE	2007	429	31.3	6.8	31.3	20.5	34.6	4.1	2.5	32.2	30.5
	2011	868	32.2	5.5	32.2	24.3	34.1	2.6	1.3	29.9	34.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_10 (M041165): Geometric Shapes and Measures / Applying
Label: Draw all the lines of symmetry - Points: 2

COUNTRY	YEAR	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	48.2	17.3	26.5	6.9	1.1	65.5	48.2	51.7	44.3
	2011	870	45.1	16.3	31.9	6.0	0.6	61.4	45.1	46.5	43.8
Austria	2007	685	7.0	12.9	38.4	40.9	0.8	19.9	7.0	7.8	6.4
	2011	661	16.2	12.3	36.4	35.1	0.0	28.6	16.2	17.4	15.0
Chinese Taipei	2007	591	7.6	8.4	64.9	19.2	0.0	16.0	7.6	8.5	6.8
	2011	616	13.6	15.2	56.0	15.0	0.2	28.8	13.6	12.7	14.4
Czech Republic	2007	595	9.7	15.4	30.4	43.1	1.4	25.0	9.7	7.2	12.3
	2011	661	20.4	20.1	29.4	30.1	0.0	40.5	20.4	20.0	20.8
Denmark	2007	492	34.7	16.4	29.5	16.8	2.5	51.1	34.7	35.2	34.1
	2011	567	42.6	17.2	25.3	13.5	1.4	59.8	42.6	43.1	42.0
England	2007	618	70.7	16.0	7.7	5.2	0.4	86.7	70.7	76.4	66.1
	2011	486	68.6	15.4	11.1	4.5	0.4	84.1	68.6	64.2	73.0
Georgia	2007	579	13.6	25.9	16.5	38.6	5.4	39.5	13.6	12.4	14.8
	2011	686	8.8	22.4	31.5	34.8	2.5	31.2	8.8	7.1	10.3
Germany	2007	750	38.9	20.9	24.1	14.9	1.3	59.7	38.9	39.7	38.0
	2011	581	46.6	14.1	20.4	18.7	0.2	60.7	46.6	52.2	40.9
Hong Kong SAR	2007	544	90.2	6.3	3.1	0.1	0.3	96.5	90.2	91.0	89.3
	2011	566	82.4	9.3	6.6	1.7	0.0	91.6	82.4	84.8	80.2
Hungary	2007	577	33.1	16.4	32.0	16.6	1.9	49.5	33.1	30.0	37.1
	2011	742	40.7	17.2	26.9	13.9	1.3	57.9	40.7	39.2	42.0
Iran, Islamic Rep. of	2007	553	19.0	35.4	18.8	18.2	8.6	54.4	19.0	17.5	20.5
	2011	816	25.4	40.3	17.0	14.2	3.1	65.7	25.4	26.2	24.6
Italy	2007	634	32.8	31.1	17.0	17.5	1.7	63.8	32.8	33.6	31.8
	2011	600	29.0	33.9	17.4	19.5	0.2	62.9	29.0	27.3	30.6
Japan	2007	643	11.7	9.9	60.6	17.3	0.5	21.7	11.7	13.0	10.6
	2011	628	21.8	17.9	51.4	8.8	0.1	39.7	21.8	23.4	20.3
Kuwait	2007	533	0.6	5.3	34.6	52.7	6.7	5.9	0.6	0.0	1.3
	2011	585	9.6	25.9	30.3	31.9	2.4	35.5	9.6	9.5	9.7
Lithuania	2007	562	45.2	17.0	24.2	13.2	0.4	62.1	45.2	46.8	43.5
	2011	663	42.3	21.4	25.9	10.0	0.3	63.8	42.3	44.0	40.8
Netherlands	2007	475	9.5	5.3	68.9	16.1	0.3	14.8	9.5	10.3	8.7
	2011	465	6.1	5.9	73.3	14.7	0.0	12.0	6.1	7.0	5.1
New Zealand	2007	708	29.8	15.8	37.0	16.9	0.6	45.6	29.8	34.4	25.1
	2011	798	22.8	20.1	45.7	10.8	0.6	42.9	22.8	23.6	22.0
Norway	2007	577	15.4	10.8	36.6	32.0	5.2	26.2	15.4	14.3	16.3
	2011	439	42.8	14.3	23.8	18.5	0.7	57.0	42.8	43.2	42.3
Russian Federation	2007	642	31.6	21.0	29.0	17.9	0.6	52.5	31.6	32.8	30.4
	2011	642	30.9	28.0	28.9	11.2	0.9	58.9	30.9	32.4	29.5
Singapore	2007	711	79.9	11.7	7.3	1.0	0.0	91.7	79.9	80.4	79.5
	2011	903	79.7	12.0	7.0	1.3	0.0	91.6	79.7	80.0	79.4
Slovak Republic	2007	716	12.9	14.6	24.8	45.1	2.7	27.5	12.9	13.4	12.4
	2011	795	15.9	17.7	35.5	30.5	0.4	33.6	15.9	16.6	15.1
Slovenia	2007	627	46.3	19.4	19.9	11.6	2.7	65.8	46.3	52.4	40.4
	2011	642	56.8	14.6	17.8	10.2	0.6	71.4	56.8	59.1	54.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M13_10 (M041165): Geometric Shapes and Measures / Applying
Label: Draw all the lines of symmetry - Points: 2

COUNTRY	YEAR	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	5.0	7.8	42.7	42.4	2.2	12.7	5.0	4.8	5.1
	2011	644	7.3	9.8	45.9	36.6	0.4	17.1	7.3	6.9	7.7
Tunisia	2007	592	4.0	6.6	35.4	45.8	8.2	10.6	4.0	3.6	4.5
	2011	703	3.3	13.6	40.7	38.1	4.3	17.0	3.3	3.9	2.9
United States	2007	1116	50.3	22.4	23.1	3.7	0.4	72.7	50.3	46.8	54.0
	2011	1800	54.0	18.2	24.5	2.8	0.5	72.2	54.0	52.8	55.2

International Avg. (25)	2007	15757	29.9	15.6	30.1	22.1	2.2	45.5	29.9	30.6	29.3
	2011	17559	33.3	18.1	30.4	17.3	0.8	51.4	33.3	33.7	32.9

Alberta, Canada	2007	550	18.3	21.0	46.4	12.8	1.5	39.3	18.3	14.2	21.7
	2011	520	27.6	16.4	45.9	8.6	1.5	44.0	27.6	25.7	29.4
Ontario, Canada	2007	496	52.3	23.5	16.0	6.6	1.7	75.8	52.3	50.7	54.0
	2011	640	57.5	19.5	18.7	3.6	0.7	77.0	57.5	55.2	59.8
Quebec, Canada	2007	567	12.2	12.9	49.7	23.9	1.4	25.1	12.2	13.5	10.6
	2011	616	21.7	17.3	50.9	9.3	0.8	39.0	21.7	22.3	21.1
Dubai, UAE	2007	429	16.7	13.7	34.8	31.9	3.0	30.4	16.7	18.4	15.1
	2011	868	26.7	19.4	30.8	21.6	1.4	46.2	26.7	30.5	23.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M13_11 (M041174): Data Display / Knowing

Label: Students sold more than 10 boxes - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	89.9	7.2	1.7	1.1	89.9	88.5	91.5
	2011	870	82.6	15.1	1.3	0.9	82.6	84.0	81.4
Austria	2007	685	72.0	25.0	1.7	1.4	72.0	71.7	72.2
	2011	661	74.8	23.8	1.4	0.0	74.8	73.6	75.9
Chinese Taipei	2007	591	86.8	12.9	0.3	0.0	86.8	89.7	84.1
	2011	616	89.3	9.8	0.5	0.5	89.3	92.0	86.8
Czech Republic	2007	595	59.2	36.7	2.0	2.1	59.2	56.5	62.1
	2011	661	64.0	33.6	2.1	0.3	64.0	67.3	60.7
Denmark	2007	492	82.4	9.5	3.7	4.4	82.4	81.7	83.5
	2011	567	85.8	9.5	2.1	2.6	85.8	83.5	88.1
England	2007	618	90.4	7.0	1.9	0.8	90.4	93.1	88.2
	2011	486	89.9	8.5	1.2	0.4	89.9	87.8	92.0
Georgia	2007	579	57.6	28.9	6.7	6.9	57.6	57.7	57.4
	2011	686	61.2	31.7	3.1	4.0	61.2	63.0	59.6
Germany	2007	750	74.1	22.9	1.1	1.9	74.1	73.1	75.1
	2011	581	79.7	19.0	0.8	0.4	79.7	79.3	80.2
Hong Kong SAR	2007	544	94.5	4.9	0.3	0.3	94.5	95.0	94.1
	2011	566	93.9	5.5	0.6	0.0	93.9	94.0	93.8
Hungary	2007	577	72.9	23.3	0.6	3.2	72.9	75.9	69.1
	2011	742	76.9	20.8	0.5	1.9	76.9	77.7	76.1
Iran, Islamic Rep. of	2007	553	27.4	55.1	6.8	10.7	27.4	28.4	26.5
	2011	816	40.9	49.4	5.7	4.0	40.9	38.4	43.4
Italy	2007	635	62.9	31.9	2.7	2.4	62.9	61.0	65.0
	2011	600	66.0	30.9	2.6	0.5	66.0	66.0	66.0
Japan	2007	643	87.9	11.2	0.2	0.7	87.9	89.1	86.9
	2011	628	91.2	8.0	0.5	0.3	91.2	94.3	88.1
Kuwait	2007	533	14.8	62.8	13.3	9.1	14.8	15.5	13.9
	2011	586	20.8	66.0	9.7	3.5	20.8	18.7	23.2
Lithuania	2007	562	71.7	24.7	2.9	0.7	71.7	74.0	69.4
	2011	663	70.5	26.9	2.3	0.3	70.5	68.4	72.5
Netherlands	2007	475	88.6	10.0	0.8	0.6	88.6	88.5	88.6
	2011	465	90.4	8.9	0.0	0.7	90.4	90.3	90.5
New Zealand	2007	708	81.2	15.5	2.2	1.1	81.2	84.8	77.6
	2011	798	80.5	17.6	0.8	1.0	80.5	83.5	77.5
Norway	2007	577	75.8	13.9	3.0	7.4	75.8	74.2	77.1
	2011	439	80.0	17.5	1.8	0.7	80.0	81.5	78.5
Russian Federation	2007	642	75.3	21.7	1.7	1.4	75.3	76.5	74.2
	2011	642	74.6	22.5	1.9	1.0	74.6	74.0	75.1
Singapore	2007	711	87.4	12.3	0.3	0.0	87.4	86.4	88.4
	2011	903	89.3	10.5	0.1	0.1	89.3	89.9	88.7
Slovak Republic	2007	716	68.3	26.8	1.2	3.7	68.3	70.1	66.5
	2011	795	66.0	31.6	1.9	0.5	66.0	65.4	66.7
Slovenia	2007	627	69.1	24.2	3.2	3.5	69.1	68.2	70.0
	2011	642	75.8	20.7	2.5	0.9	75.8	76.5	75.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M13_11 (M041174): Data Display / Knowing

Label: Students sold more than 10 boxes - Points: 1

COUNTRY	YEAR	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	86.0	8.9	1.8	3.3	86.0	86.2	85.8
	2011	644	86.5	12.0	0.7	0.7	86.5	87.5	85.8
Tunisia	2007	592	18.0	61.3	10.3	10.3	18.0	18.8	17.3
	2011	703	23.9	61.0	7.4	7.6	23.9	25.4	22.8
United States	2007	1116	87.8	11.3	0.2	0.7	87.8	87.4	88.2
	2011	1800	86.0	12.9	0.5	0.6	86.0	86.4	85.7

International Avg. (25)	2007	15758	71.3	22.8	2.8	3.1	71.3	71.7	70.9
	2011	17560	73.6	23.0	2.1	1.3	73.6	73.9	73.4

Alberta, Canada	2007	550	83.7	13.2	1.6	1.5	83.7	82.8	84.4
	2011	520	84.0	13.3	0.8	1.8	84.0	83.4	84.6
Ontario, Canada	2007	496	81.7	14.4	1.9	2.0	81.7	85.0	78.4
	2011	640	84.4	14.8	0.0	0.9	84.4	85.3	83.4
Quebec, Canada	2007	567	78.3	17.0	2.0	2.7	78.3	78.2	78.4
	2011	616	85.0	13.1	0.4	1.4	85.0	86.6	83.2
Dubai, UAE	2007	429	53.1	38.8	4.2	3.9	53.1	54.1	52.2
	2011	868	57.4	38.4	2.6	1.6	57.4	59.2	55.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

M13_12 (M041191): Data Display / Applying
Label: Peter's height - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Australia	2007	574	89.8	3.2	1.4	2.0	89.8	1.7	1.9	89.1	90.6
	2011	870	87.8	2.8	1.8	5.1	87.8	1.3	1.3	88.1	87.4
Austria	2007	685	91.3	1.6	1.4	2.5	91.3	1.8	1.4	91.1	91.4
	2011	661	91.0	2.1	2.6	2.4	91.0	1.9	0.0	92.4	89.7
Chinese Taipei	2007	591	94.7	0.8	1.5	2.3	94.7	0.8	0.0	93.5	95.7
	2011	616	97.1	0.6	0.7	0.9	97.1	0.2	0.5	97.8	96.5
Czech Republic	2007	595	87.3	3.5	2.6	2.7	87.3	1.7	2.1	88.9	85.6
	2011	661	92.7	1.6	1.9	1.8	92.7	1.2	0.9	93.0	92.4
Denmark	2007	488	85.3	1.3	2.5	2.6	85.3	2.5	5.8	86.6	83.5
	2011	567	90.1	1.3	1.8	2.3	90.1	1.9	2.7	87.9	92.2
England	2007	618	88.1	2.1	3.0	3.4	88.1	2.1	1.4	92.2	84.8
	2011	486	87.1	4.7	2.7	3.7	87.1	0.9	0.9	83.9	90.3
Georgia	2007	579	72.9	7.2	3.6	5.5	72.9	4.0	6.9	69.2	76.4
	2011	690	81.8	3.5	5.0	3.2	81.8	2.1	4.4	84.9	79.0
Germany	2007	750	90.7	0.9	1.5	3.5	90.7	1.3	2.1	91.0	90.4
	2011	581	94.9	1.2	0.5	1.5	94.9	1.5	0.4	95.7	94.2
Hong Kong SAR	2007	544	93.9	0.8	2.0	2.7	93.9	0.3	0.3	93.9	93.8
	2011	566	93.4	1.5	1.8	2.8	93.4	0.4	0.0	93.4	93.4
Hungary	2007	577	85.7	2.1	3.2	4.7	85.7	1.0	3.3	86.3	84.9
	2011	743	86.1	2.9	4.1	3.9	86.1	0.9	2.1	87.2	85.2
Iran, Islamic Rep. of	2007	553	68.8	7.3	5.7	5.0	68.8	2.0	11.2	73.1	64.6
	2011	816	74.2	5.7	5.0	7.4	74.2	3.2	4.5	76.8	71.5
Italy	2007	634	85.3	3.8	3.1	2.6	85.3	2.6	2.7	83.7	87.0
	2011	600	89.3	1.4	3.0	3.6	89.3	2.1	0.6	91.2	87.2
Japan	2007	643	96.5	0.0	1.1	1.4	96.5	0.4	0.7	97.6	95.5
	2011	628	97.6	0.5	0.7	0.5	97.6	0.3	0.3	99.1	96.1
Kuwait	2007	533	40.1	13.9	13.0	16.7	40.1	6.4	9.9	43.3	36.4
	2011	580	52.2	11.0	14.9	12.4	52.2	5.5	4.1	57.1	46.6
Lithuania	2007	562	90.1	1.0	2.5	3.3	90.1	1.6	1.6	91.8	88.3
	2011	663	87.2	2.9	3.3	5.3	87.2	0.8	0.5	88.2	86.4
Netherlands	2007	475	91.2	0.9	1.9	4.5	91.2	0.8	0.6	89.3	93.0
	2011	465	94.9	0.8	1.5	1.5	94.9	0.7	0.7	94.5	95.3
New Zealand	2007	708	86.1	4.4	2.3	3.5	86.1	2.2	1.5	87.6	84.6
	2011	798	87.8	4.4	2.7	3.6	87.8	0.3	1.2	86.4	89.3
Norway	2007	577	77.6	3.6	3.2	3.7	77.6	4.1	7.8	81.3	74.4
	2011	439	84.9	3.7	4.7	4.7	84.9	1.3	0.7	86.8	83.1
Russian Federation	2007	642	88.1	3.2	3.4	2.1	88.1	1.7	1.5	87.6	88.5
	2011	642	90.4	2.3	3.0	2.3	90.4	0.7	1.4	90.6	90.3
Singapore	2007	711	92.1	1.3	2.2	4.2	92.1	0.2	0.0	93.4	90.9
	2011	903	94.6	1.2	1.4	2.3	94.6	0.4	0.1	94.5	94.7
Slovak Republic	2007	716	85.7	4.0	1.6	3.6	85.7	1.2	3.8	87.1	84.4
	2011	795	89.5	1.8	3.2	4.3	89.5	0.7	0.5	89.0	90.0
Slovenia	2007	627	88.0	1.7	1.3	2.3	88.0	2.6	4.0	89.9	86.2
	2011	642	91.9	1.8	1.9	2.5	91.9	0.5	1.4	92.8	90.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

M13_12 (M041191): Data Display / Applying
Label: Peter's height - Key: D

COUNTRY	YEAR	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Sweden	2007	663	88.4	1.2	2.7	3.1	88.4	1.0	3.6	90.1	86.7
	2011	644	90.6	1.3	2.5	3.0	90.6	1.8	0.8	92.0	89.5
Tunisia	2007	592	37.2	10.1	11.3	16.8	37.2	13.5	11.1	45.4	29.1
	2011	693	46.9	10.4	11.5	15.7	46.9	6.7	8.8	50.2	44.4
United States	2007	1116	89.5	2.6	2.3	2.8	89.5	2.0	0.8	89.4	89.5
	2011	1800	90.3	4.1	1.2	3.0	90.3	0.9	0.7	88.9	91.7
International Avg. (25)	2007	15753	83.4	3.3	3.2	4.3	83.4	2.4	3.4	84.5	82.3
	2011	17549	86.6	3.0	3.3	4.0	86.6	1.5	1.6	87.3	85.9
Alberta, Canada	2007	550	85.9	2.8	2.7	4.0	85.9	2.8	1.7	82.0	89.2
	2011	520	89.3	3.1	1.0	3.8	89.3	0.8	2.1	86.9	91.5
Ontario, Canada	2007	496	89.3	1.6	1.1	4.2	89.3	1.3	2.5	89.8	88.8
	2011	640	89.8	4.2	1.2	3.0	89.8	0.8	0.9	90.9	88.7
Quebec, Canada	2007	567	85.4	2.9	2.7	3.8	85.4	1.7	3.6	86.2	84.4
	2011	616	90.3	2.0	2.7	3.1	90.3	0.5	1.4	90.1	90.4
Dubai, UAE	2007	429	73.9	9.3	4.8	4.2	73.9	3.8	3.9	78.5	69.6
	2011	868	77.2	6.3	6.1	6.9	77.2	1.5	2.1	80.3	74.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.