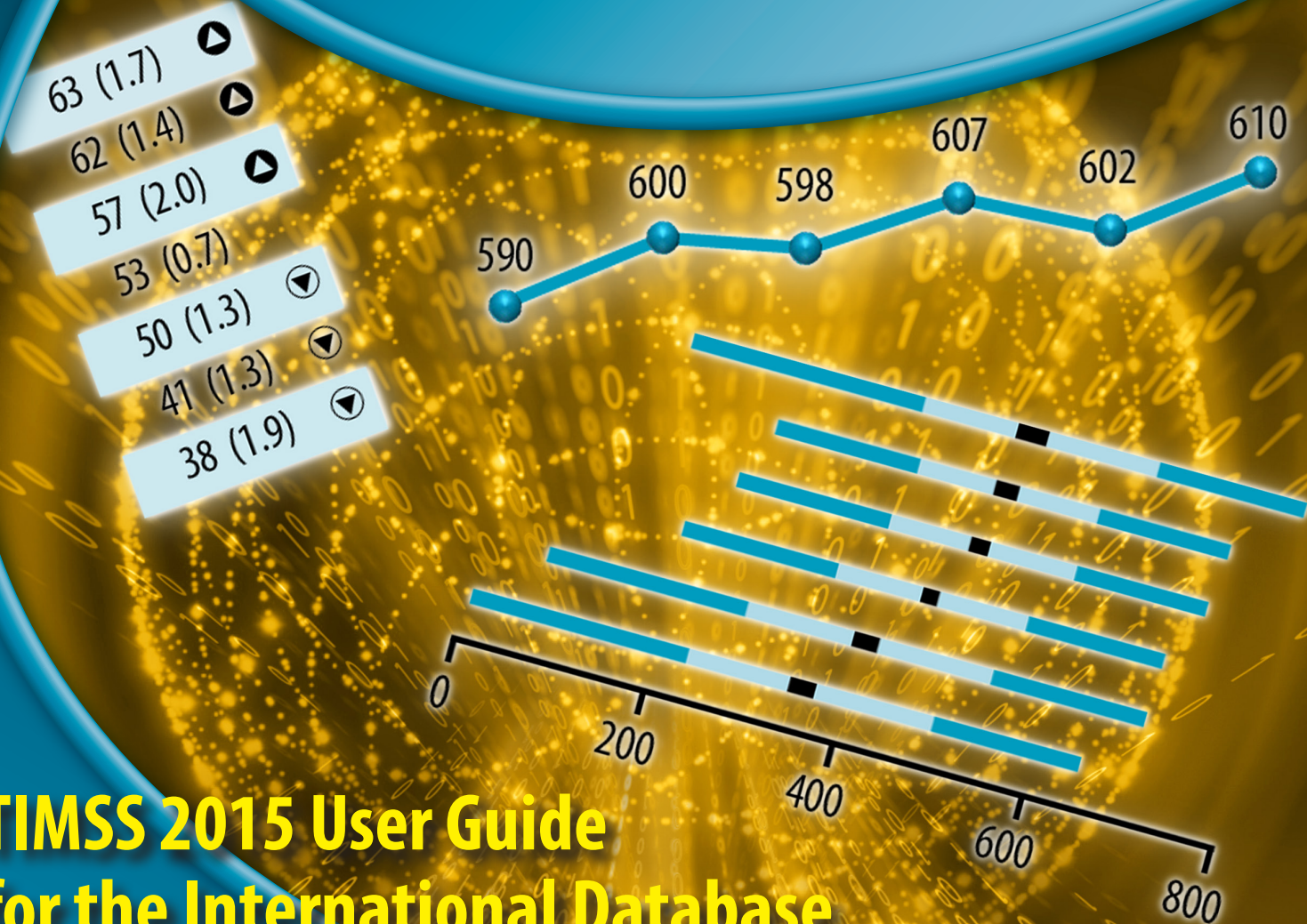


TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE STUDY

# TIMSS



## TIMSS 2015 User Guide for the International Database

# ITEM PERCENT CORRECT STATISTICS

Mathematics – Fourth Grade



**TIMSS & PIRLS**  
International Study Center  
Lynch School of Education, Boston College

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M01\_01 (M041004): Convert words to numerals**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Chinese Taipei	98 (0.6)	▲
Russian Federation	98 (0.7)	▲
Japan	98 (0.6)	▲
Korea, Rep. of	96 (0.8)	▲
Czech Republic	96 (0.8)	▲
Hong Kong SAR	96 (0.9)	▲
Spain	96 (1.0)	▲
Lithuania	95 (1.1)	▲
Portugal	94 (0.9)	▲
France	94 (1.2)	▲
Croatia	94 (1.2)	▲
Belgium (Flemish)	94 (0.9)	▲
Norway (5)	94 (1.2)	▲
Serbia	94 (1.5)	▲
Poland	94 (1.2)	▲
Singapore	94 (1.0)	▲
Netherlands	93 (1.3)	▲
Kazakhstan	93 (1.3)	▲
Ireland	93 (1.3)	▲
England	93 (1.1)	▲
Northern Ireland	92 (1.4)	▲
Finland	92 (1.2)	▲
United States	92 (0.8)	▲
Chile	92 (1.1)	▲
Germany	92 (1.3)	▲
Cyprus	92 (1.2)	▲
Italy	91 (1.4)	▲
Bulgaria	91 (1.5)	▲
Hungary	91 (1.7)	▲
Sweden	91 (1.4)	▲
Slovenia	90 (1.3)	▲
Australia	89 (1.3)	
Slovak Republic	88 (1.5)	
Denmark	88 (1.7)	
New Zealand	87 (1.2)	
<b>International Avg.</b>	<b>87 (0.2)</b>	
Georgia	87 (1.8)	
Canada	87 (1.1)	
Turkey	85 (1.7)	
United Arab Emirates	77 (1.2)	▼
Qatar	74 (1.9)	▼
Bahrain	72 (1.8)	▼
Oman	66 (1.8)	▼
Morocco	62 (2.6)	▼
Indonesia	59 (2.7)	▼
Kuwait	58 (2.5)	▼
Saudi Arabia	58 (2.2)	▼
Iran, Islamic Rep. of	57 (3.2)	▼
<b>Benchmarking Participants</b>		
Florida, US	94 (1.3)	▲
Quebec, Canada	91 (1.8)	▲
Dubai, UAE	89 (1.1)	
Ontario, Canada	86 (1.7)	
Norway (4)	84 (2.1)	
Buenos Aires, Argentina	83 (1.8)	▼
Abu Dhabi, UAE	72 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M01\_02 (M041023): Trees Jan plant altogether**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Hong Kong SAR	97 (0.9)	▲
Chinese Taipei	97 (0.9)	▲
Netherlands	95 (1.0)	▲
Japan	95 (0.9)	▲
Russian Federation	95 (1.0)	▲
Belgium (Flemish)	94 (1.0)	▲
Korea, Rep. of	94 (1.1)	▲
Northern Ireland	94 (1.3)	▲
Czech Republic	94 (1.0)	▲
Singapore	93 (1.1)	▲
Poland	91 (1.3)	▲
Lithuania	91 (1.9)	▲
Portugal	90 (1.2)	▲
Bulgaria	90 (1.7)	▲
Hungary	89 (1.6)	▲
Ireland	89 (1.4)	▲
Germany	88 (1.4)	▲
Slovenia	88 (1.5)	▲
Norway (5)	88 (1.3)	▲
Cyprus	87 (1.6)	▲
Finland	87 (1.7)	▲
Kazakhstan	87 (1.6)	▲
Denmark	87 (1.6)	▲
Serbia	86 (2.0)	▲
England	85 (1.4)	▲
United States	85 (1.1)	▲
Slovak Republic	83 (1.5)	
Italy	83 (1.6)	
Croatia	83 (1.7)	
Georgia	83 (2.1)	
France	82 (1.5)	
Canada	81 (1.1)	
Spain	80 (1.6)	
<b>International Avg.</b>	<b>80 (0.2)</b>	
Australia	79 (1.8)	
Sweden	79 (2.1)	
Turkey	79 (1.9)	
New Zealand	78 (1.6)	
Chile	72 (1.9)	▼
Iran, Islamic Rep. of	60 (2.3)	▼
United Arab Emirates	58 (1.4)	▼
Bahrain	57 (2.3)	▼
Qatar	56 (2.2)	▼
Oman	54 (1.7)	▼
Indonesia	44 (2.5)	▼
Morocco	41 (2.7)	▼
Saudi Arabia	41 (2.3)	▼
Kuwait	32 (2.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	91 (1.8)	▲
Quebec, Canada	89 (1.8)	▲
Norway (4)	82 (2.3)	
Ontario, Canada	80 (1.5)	
Dubai, UAE	73 (1.3)	▼
Buenos Aires, Argentina	67 (2.8)	▼
Abu Dhabi, UAE	50 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
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**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M01\_03 (M041034): Multiples of 3**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Russian Federation	96 (0.7)	▲
Hong Kong SAR	96 (0.9)	▲
Singapore	94 (0.9)	▲
Portugal	90 (1.3)	▲
Kazakhstan	89 (1.4)	▲
Czech Republic	86 (1.7)	▲
Bulgaria	86 (1.9)	▲
Northern Ireland	85 (2.3)	▲
Denmark	84 (1.7)	▲
Slovenia	83 (1.9)	▲
England	82 (1.7)	▲
Slovak Republic	81 (1.7)	▲
Cyprus	80 (1.7)	▲
Norway (5)	78 (2.0)	▲
Germany	77 (1.9)	▲
United States	76 (1.2)	▲
Chinese Taipei	74 (2.2)	▲
Belgium (Flemish)	72 (2.1)	▲
Japan	72 (2.0)	▲
Hungary	70 (2.6)	▲
Italy	69 (2.5)	▲
Korea, Rep. of	68 (2.2)	▲
Ireland	64 (2.4)	▲
<b>International Avg.</b>	<b>60 (0.3)</b>	
Australia	58 (2.3)	
United Arab Emirates	56 (1.2)	▼
Qatar	56 (1.9)	▼
Bahrain	54 (2.1)	▼
New Zealand	51 (2.4)	▼
France	49 (2.7)	▼
Netherlands	48 (2.9)	▼
Turkey	48 (2.1)	▼
Croatia	47 (2.3)	▼
Oman	45 (1.4)	▼
Canada	43 (1.9)	▼
Morocco	40 (3.2)	▼
Finland	39 (2.6)	▼
Sweden	38 (2.5)	▼
Indonesia	38 (2.9)	▼
Poland	37 (2.6)	▼
Kuwait	37 (2.9)	▼
Spain	31 (2.2)	▼
Georgia	30 (2.2)	▼
Iran, Islamic Rep. of	25 (2.2)	▼
Saudi Arabia	24 (2.0)	▼
Chile	24 (1.9)	▼
Serbia	22 (1.9)	▼
Lithuania	18 (2.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	82 (2.3)	▲
Norway (4)	76 (2.4)	▲
Dubai, UAE	72 (1.6)	▲
Quebec, Canada	50 (4.1)	▼
Abu Dhabi, UAE	46 (2.5)	▼
Ontario, Canada	43 (2.6)	▼
Buenos Aires, Argentina	32 (2.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

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**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M01\_04 (M041087): Add 0.36 + 0.77**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	93 (1.0)	▲
Chinese Taipei	92 (1.4)	▲
Singapore	92 (1.0)	▲
Japan	89 (1.4)	▲
Portugal	81 (1.9)	▲
Northern Ireland	81 (1.9)	▲
Denmark	74 (2.0)	▲
Ireland	73 (2.0)	▲
England	73 (2.2)	▲
Belgium (Flemish)	72 (2.1)	▲
Kazakhstan	71 (1.9)	▲
United States	70 (1.5)	▲
Hong Kong SAR	70 (2.2)	▲
Norway (5)	66 (2.5)	▲
Lithuania	66 (2.7)	▲
Netherlands	66 (2.1)	▲
Italy	66 (2.7)	▲
Russian Federation	60 (2.2)	▲
Spain	60 (2.0)	▲
Germany	57 (2.3)	
Qatar	56 (2.4)	
Australia	55 (1.8)	
<b>International Avg.</b>	<b>54 (0.3)</b>	
Finland	54 (2.1)	
Canada	54 (1.6)	
Poland	53 (2.4)	
Morocco	52 (2.5)	
Cyprus	48 (2.0)	▼
Sweden	47 (3.3)	▼
United Arab Emirates	46 (1.5)	▼
Bulgaria	45 (2.8)	▼
Serbia	44 (2.5)	▼
New Zealand	43 (2.4)	▼
Czech Republic	42 (2.0)	▼
Slovenia	42 (2.2)	▼
France	41 (2.3)	▼
Chile	40 (2.2)	▼
Hungary	39 (1.9)	▼
Slovak Republic	38 (1.9)	▼
Turkey	34 (1.9)	▼
Croatia	33 (2.0)	▼
Bahrain	33 (2.1)	▼
Oman	31 (1.6)	▼
Georgia	29 (2.4)	▼
Indonesia	29 (2.4)	▼
Iran, Islamic Rep. of	18 (1.7)	▼
Kuwait	17 (2.3)	▼
Saudi Arabia	15 (1.8)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	74 (3.1)	▲
Florida, US	68 (3.2)	▲
Dubai, UAE	61 (1.7)	▲
Ontario, Canada	47 (2.4)	▼
Norway (4)	38 (2.6)	▼
Abu Dhabi, UAE	35 (2.6)	▼
Buenos Aires, Argentina	26 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

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**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M01\_05 (M041124): Use the rule to complete the table**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	90 (1.3)	▲
Hong Kong SAR	87 (1.6)	▲
Japan	87 (1.3)	▲
Hungary	85 (1.5)	▲
Chinese Taipei	81 (1.7)	▲
Singapore	81 (1.6)	▲
Russian Federation	80 (1.8)	▲
Northern Ireland	80 (1.8)	▲
Kazakhstan	78 (2.3)	▲
Lithuania	73 (2.2)	▲
Poland	72 (2.3)	▲
Spain	71 (2.2)	▲
England	71 (1.9)	▲
Portugal	69 (2.2)	▲
Czech Republic	69 (2.1)	▲
Bulgaria	67 (2.4)	▲
Serbia	66 (2.3)	▲
United States	66 (1.6)	▲
Croatia	66 (2.1)	▲
Denmark	64 (2.0)	▲
Ireland	63 (2.2)	
Norway (5)	63 (2.1)	
Cyprus	62 (2.0)	
Italy	59 (2.4)	
Turkey	59 (1.9)	
<b>International Avg.</b>	<b>59 (0.3)</b>	
Belgium (Flemish)	58 (2.0)	
Slovak Republic	58 (2.3)	
Slovenia	57 (2.0)	
Georgia	57 (2.5)	
Finland	57 (2.3)	
Qatar	52 (2.2)	▼
Australia	50 (2.2)	▼
Canada	48 (1.7)	▼
France	48 (2.2)	▼
United Arab Emirates	47 (1.3)	▼
Bahrain	46 (2.2)	▼
Germany	45 (2.4)	▼
Chile	45 (2.3)	▼
New Zealand	43 (1.8)	▼
Iran, Islamic Rep. of	43 (3.1)	▼
Sweden	38 (2.5)	▼
Netherlands	37 (2.4)	▼
Oman	36 (1.6)	▼
Saudi Arabia	26 (1.9)	▼
Indonesia	26 (2.4)	▼
Morocco	23 (2.6)	▼
Kuwait	23 (2.8)	▼
<b>Benchmarking Participants</b>		
Florida, US	73 (3.1)	▲
Dubai, UAE	64 (1.7)	▲
Quebec, Canada	56 (4.4)	
Buenos Aires, Argentina	49 (2.9)	▼
Norway (4)	47 (2.5)	▼
Ontario, Canada	46 (2.1)	▼
Abu Dhabi, UAE	37 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

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**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M01\_06A (M041302A): What shape is made**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Korea, Rep. of	96 (0.8)	▲
Norway (5)	94 (1.1)	▲
Finland	94 (0.9)	▲
Japan	94 (1.0)	▲
Slovenia	93 (1.3)	▲
Belgium (Flemish)	92 (1.1)	▲
Hungary	90 (1.4)	▲
Hong Kong SAR	90 (1.7)	▲
Russian Federation	90 (1.3)	▲
Germany	90 (1.6)	▲
Denmark	89 (1.4)	▲
Cyprus	89 (1.4)	▲
Northern Ireland	88 (1.6)	▲
Poland	88 (1.6)	▲
Sweden	88 (1.6)	▲
Lithuania	88 (1.9)	▲
Czech Republic	86 (1.5)	▲
Netherlands	84 (1.5)	▲
England	84 (1.7)	▲
Chinese Taipei	83 (1.8)	▲
Bulgaria	82 (2.3)	▲
Croatia	80 (2.2)	▲
Ireland	79 (2.1)	▲
Singapore	77 (1.4)	▲
United States	76 (1.3)	
Slovak Republic	75 (2.0)	
Serbia	75 (2.2)	
Kazakhstan	75 (2.3)	
Australia	75 (1.8)	
<b>International Avg.</b>	<b>74 (0.3)</b>	
Canada	70 (1.4)	▼
Portugal	70 (2.0)	▼
New Zealand	66 (2.2)	▼
Iran, Islamic Rep. of	64 (3.0)	▼
France	63 (2.0)	▼
Spain	61 (2.0)	▼
Italy	58 (2.6)	▼
Georgia	57 (2.7)	▼
Bahrain	56 (1.9)	▼
Qatar	53 (2.2)	▼
Oman	53 (1.5)	▼
United Arab Emirates	51 (1.4)	▼
Morocco	50 (2.9)	▼
Saudi Arabia	48 (2.3)	▼
Turkey	47 (2.1)	▼
Indonesia	44 (3.1)	▼
Chile	32 (2.0)	▼
Kuwait	30 (2.4)	▼
<b>Benchmarking Participants</b>		
Norway (4)	84 (1.9)	▲
Ontario, Canada	77 (1.7)	
Florida, US	72 (2.4)	
Quebec, Canada	67 (2.9)	▼
Dubai, UAE	67 (1.4)	▼
Abu Dhabi, UAE	44 (2.6)	▼
Buenos Aires, Argentina	22 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

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**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M01\_06B (M041302B): What points did you connect**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Finland	76 (1.9)	▲
Korea, Rep. of	76 (2.1)	▲
Poland	75 (2.2)	▲
Japan	73 (1.7)	▲
Denmark	73 (2.2)	▲
Lithuania	73 (3.0)	▲
Belgium (Flemish)	72 (2.2)	▲
Sweden	71 (2.2)	▲
Slovenia	71 (2.0)	▲
Northern Ireland	69 (2.8)	▲
Russian Federation	68 (2.2)	▲
Croatia	68 (2.3)	▲
Germany	67 (2.1)	▲
Hungary	66 (2.0)	▲
Czech Republic	66 (2.2)	▲
Cyprus	66 (2.1)	▲
Canada	65 (1.4)	▲
England	65 (2.3)	▲
Singapore	64 (1.8)	▲
Norway (5)	64 (2.1)	▲
Australia	63 (2.2)	▲
Netherlands	63 (2.5)	▲
Chinese Taipei	63 (2.3)	▲
Portugal	62 (2.3)	▲
Ireland	62 (2.2)	▲
Spain	62 (2.5)	
France	62 (2.3)	
New Zealand	60 (2.2)	
Hong Kong SAR	59 (2.6)	
Slovak Republic	58 (2.3)	
International Avg.	58 (0.3)	
Kazakhstan	57 (2.8)	
United States	55 (1.4)	
Bulgaria	55 (2.4)	
Chile	54 (2.5)	
Serbia	52 (2.6)	▼
Georgia	49 (2.4)	▼
Italy	46 (2.3)	▼
Qatar	46 (2.4)	▼
United Arab Emirates	43 (1.2)	▼
Bahrain	42 (2.0)	▼
Iran, Islamic Rep. of	38 (2.8)	▼
Oman	38 (1.6)	▼
Turkey	35 (1.9)	▼
Saudi Arabia	30 (2.0)	▼
Kuwait	24 (2.2)	▼
Indonesia	21 (2.0)	▼
Morocco	18 (2.1)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	72 (2.5)	▲
Ontario, Canada	66 (2.1)	▲
Norway (4)	61 (2.4)	
Dubai, UAE	55 (1.6)	
Florida, US	53 (2.9)	
Buenos Aires, Argentina	39 (2.5)	▼
Abu Dhabi, UAE	38 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

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▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M01\_06C (M041302C): Draw a 6-sided shape  
Constructed Response (1 Point)**

Country	Percent Correct	
Japan	93 (1.0)	▲
Hong Kong SAR	93 (1.3)	▲
Korea, Rep. of	92 (1.2)	▲
Denmark	84 (1.6)	▲
Russian Federation	81 (1.5)	▲
Norway (5)	77 (2.2)	▲
Finland	77 (2.2)	▲
Czech Republic	75 (1.8)	▲
Chinese Taipei	75 (2.0)	▲
Sweden	75 (2.4)	▲
Belgium (Flemish)	75 (2.3)	▲
Singapore	73 (1.7)	▲
Poland	72 (2.0)	▲
Slovenia	72 (2.1)	▲
Lithuania	71 (2.3)	▲
Hungary	71 (2.0)	▲
Cyprus	70 (1.9)	▲
Portugal	69 (1.7)	▲
Ireland	68 (2.1)	▲
Germany	66 (1.9)	▲
Australia	66 (1.9)	▲
Netherlands	66 (2.1)	▲
Canada	66 (1.6)	▲
Northern Ireland	65 (2.8)	
Kazakhstan	65 (2.1)	
United States	64 (1.5)	
New Zealand	64 (1.9)	
France	62 (2.1)	
<b>International Avg.</b>	<b>61 (0.3)</b>	
Slovak Republic	60 (2.4)	
Italy	60 (2.5)	
Bulgaria	60 (2.8)	
England	59 (2.0)	
Spain	59 (1.8)	
Croatia	58 (2.6)	
Iran, Islamic Rep. of	53 (2.9)	▼
Qatar	46 (2.3)	▼
Chile	46 (2.0)	▼
Serbia	44 (2.3)	▼
Georgia	42 (2.5)	▼
Turkey	42 (2.1)	▼
United Arab Emirates	40 (1.3)	▼
Bahrain	35 (2.2)	▼
Oman	35 (1.6)	▼
Indonesia	33 (3.1)	▼
Saudi Arabia	26 (2.2)	▼
Morocco	25 (2.3)	▼
Kuwait	17 (1.7)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	70 (3.5)	▲
Ontario, Canada	64 (2.0)	
Norway (4)	63 (2.5)	
Florida, US	63 (3.9)	
Dubai, UAE	55 (2.1)	▼
Abu Dhabi, UAE	34 (2.2)	▼
Buenos Aires, Argentina	31 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

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▼ Percent significantly lower than international average  
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**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M01\_07 (M041254): How many edges does the cube have**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Japan	91 (1.4)	▲
Lithuania	84 (1.8)	▲
Portugal	83 (1.6)	▲
Northern Ireland	81 (2.1)	▲
Serbia	80 (2.3)	▲
Hong Kong SAR	79 (2.0)	▲
Chinese Taipei	78 (2.0)	▲
Slovenia	74 (2.3)	▲
England	74 (2.1)	▲
Australia	73 (1.9)	▲
Ireland	73 (2.2)	▲
Chile	71 (2.0)	▲
Canada	71 (1.4)	▲
Hungary	69 (2.0)	▲
Bahrain	67 (1.9)	▲
Kazakhstan	66 (2.6)	▲
Cyprus	66 (2.0)	▲
Germany	64 (2.4)	▲
Russian Federation	64 (2.4)	▲
Georgia	63 (2.6)	▲
Indonesia	61 (3.0)	
<b>International Avg.</b>	<b>58 (0.3)</b>	
Korea, Rep. of	56 (2.5)	
France	56 (2.5)	
Saudi Arabia	54 (2.4)	
Turkey	52 (2.1)	▼
New Zealand	52 (2.3)	▼
United States	52 (1.7)	▼
Spain	50 (2.4)	▼
Oman	49 (1.8)	▼
Morocco	49 (2.7)	▼
United Arab Emirates	49 (1.1)	▼
Czech Republic	49 (2.2)	▼
Bulgaria	49 (2.6)	▼
Finland	49 (2.5)	▼
Sweden	47 (2.7)	▼
Poland	46 (2.7)	▼
Croatia	45 (2.6)	▼
Netherlands	45 (2.1)	▼
Singapore	44 (1.7)	▼
Qatar	43 (2.0)	▼
Belgium (Flemish)	43 (2.2)	▼
Denmark	42 (2.5)	▼
Norway (5)	42 (2.4)	▼
Slovak Republic	38 (2.2)	▼
Kuwait	30 (2.9)	▼
Italy	28 (2.1)	▼
Iran, Islamic Rep. of	22 (2.3)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	84 (2.5)	▲
Ontario, Canada	69 (1.7)	▲
Dubai, UAE	61 (1.6)	
Florida, US	49 (3.7)	▼
Abu Dhabi, UAE	45 (2.1)	▼
Norway (4)	40 (2.5)	▼
Buenos Aires, Argentina	24 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M01\_08 (M041153): Perimeter of the compound figure**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Singapore	88 (1.3)	▲
Korea, Rep. of	84 (1.7)	▲
Hong Kong SAR	84 (1.9)	▲
Netherlands	80 (2.0)	▲
Denmark	78 (1.9)	▲
Portugal	77 (1.9)	▲
Japan	76 (1.8)	▲
Chinese Taipei	74 (2.2)	▲
Northern Ireland	73 (2.5)	▲
Canada	70 (1.5)	▲
Finland	69 (2.4)	▲
England	68 (1.8)	▲
Norway (5)	67 (1.9)	▲
Poland	67 (2.7)	▲
Sweden	66 (2.3)	▲
Australia	64 (2.5)	▲
Belgium (Flemish)	64 (2.1)	▲
Ireland	61 (2.8)	▲
Italy	61 (2.5)	▲
Bulgaria	61 (3.2)	▲
Lithuania	61 (2.3)	▲
Hungary	58 (2.1)	
United States	57 (1.5)	
France	56 (2.0)	
Germany	56 (2.5)	
Czech Republic	55 (2.6)	
International Avg.	55 (0.3)	
Kazakhstan	54 (2.5)	
Cyprus	52 (2.1)	
Turkey	52 (1.9)	
Russian Federation	51 (2.6)	
Slovak Republic	50 (2.0)	▼
New Zealand	48 (2.2)	▼
Slovenia	48 (2.6)	▼
Serbia	44 (2.2)	▼
Spain	40 (2.1)	▼
Chile	37 (2.2)	▼
United Arab Emirates	37 (1.5)	▼
Croatia	36 (2.4)	▼
Georgia	36 (2.3)	▼
Qatar	34 (2.3)	▼
Oman	31 (1.6)	▼
Bahrain	30 (3.4)	▼
Indonesia	24 (1.9)	▼
Saudi Arabia	24 (1.8)	▼
Iran, Islamic Rep. of	23 (2.6)	▼
Morocco	22 (2.0)	▼
Kuwait	16 (2.2)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	80 (2.5)	▲
Ontario, Canada	73 (1.8)	▲
Florida, US	57 (3.3)	
Norway (4)	56 (2.9)	
Dubai, UAE	51 (2.2)	
Abu Dhabi, UAE	30 (2.6)	▼
Buenos Aires, Argentina	15 (1.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M01\_09 (M041132): How many tiles long the snake is**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Japan	58 (2.1)	▲
Kazakhstan	57 (2.7)	▲
Finland	54 (2.3)	▲
Korea, Rep. of	52 (2.1)	▲
Denmark	52 (2.5)	▲
Hong Kong SAR	52 (2.9)	▲
Russian Federation	51 (2.5)	▲
Norway (5)	50 (2.7)	▲
England	50 (2.2)	▲
Sweden	50 (2.6)	▲
Slovenia	50 (2.2)	▲
Northern Ireland	50 (2.5)	▲
Czech Republic	48 (2.6)	▲
Germany	48 (2.5)	▲
Poland	48 (2.3)	▲
Turkey	48 (2.0)	▲
Hungary	47 (2.2)	
Singapore	47 (1.7)	▲
United States	46 (1.5)	
Portugal	45 (2.5)	
Chinese Taipei	45 (2.3)	
Australia	44 (2.3)	
Spain	44 (2.2)	
Italy	44 (2.0)	
Lithuania	44 (2.7)	
Cyprus	43 (1.9)	
Serbia	43 (2.2)	
New Zealand	43 (1.9)	
<b>International Avg.</b>	<b>43 (0.3)</b>	
Belgium (Flemish)	43 (2.3)	
Bulgaria	43 (2.5)	
Ireland	42 (2.2)	
Canada	41 (1.5)	
Slovak Republic	40 (2.2)	
Netherlands	40 (2.5)	
Georgia	40 (2.4)	
Croatia	37 (2.5)	▼
Indonesia	36 (2.5)	▼
Iran, Islamic Rep. of	36 (2.9)	▼
Chile	35 (2.3)	▼
France	35 (2.5)	▼
Morocco	33 (2.5)	▼
Oman	32 (1.7)	▼
United Arab Emirates	32 (1.1)	▼
Qatar	31 (2.0)	▼
Saudi Arabia	26 (1.9)	▼
Bahrain	25 (1.7)	▼
Kuwait	23 (1.8)	▼
<b>Benchmarking Participants</b>		
Florida, US	46 (2.6)	
Norway (4)	43 (2.4)	
Ontario, Canada	42 (2.0)	
Quebec, Canada	38 (3.2)	
Dubai, UAE	38 (2.1)	▼
Abu Dhabi, UAE	27 (2.0)	▼
Buenos Aires, Argentina	24 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M01\_10 (M041165): Draw all the lines of symmetry**  
**Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Hong Kong SAR	81 (1.6) ▲	92 (1.0) ▲
Singapore	78 (1.5) ▲	89 (1.2) ▲
England	68 (2.4) ▲	83 (2.0) ▲
Northern Ireland	68 (2.8) ▲	90 (1.8) ▲
Slovenia	59 (2.5) ▲	74 (2.2) ▲
Ireland	58 (2.3) ▲	80 (2.0) ▲
United States	52 (1.5) ▲	70 (1.5) ▲
Belgium (Flemish)	48 (2.9) ▲	69 (2.7) ▲
Australia	47 (2.7) ▲	64 (2.6) ▲
Norway (5)	46 (2.8) ▲	60 (2.3) ▲
Portugal	45 (2.5) ▲	64 (2.3) ▲
Hungary	44 (2.8) ▲	62 (2.8) ▲
Denmark	42 (2.6) ▲	59 (2.3) ▲
Turkey	41 (2.0) ▲	72 (1.9) ▲
Canada	41 (1.9) ▲	56 (2.0)
Oman	41 (2.0) ▲	69 (1.5) ▲
Russian Federation	39 (2.7) ▲	64 (2.9) ▲
Lithuania	38 (2.5) ▲	61 (3.0) ▲
Cyprus	37 (2.1) ▲	59 (2.4) ▲
Germany	36 (2.2)	57 (2.1) ▲
Italy	33 (2.2)	67 (2.6) ▲
<b>International Avg.</b>	<b>33 (0.3)</b>	<b>52 (0.3)</b>
United Arab Emirates	31 (1.6)	55 (1.7)
New Zealand	30 (2.3)	46 (2.7) ▼
Kazakhstan	29 (3.0)	62 (3.2) ▲
France	29 (2.3)	52 (2.8)
Chile	26 (2.3) ▼	45 (2.7) ▼
Sweden	26 (2.3) ▼	36 (2.7) ▼
Poland	26 (2.4) ▼	37 (2.7) ▼
Spain	26 (2.1) ▼	50 (2.5)
Czech Republic	25 (2.2) ▼	46 (2.6) ▼
Japan	21 (1.8) ▼	37 (2.2) ▼
Korea, Rep. of	21 (1.6) ▼	44 (1.8) ▼
Bahrain	21 (1.7) ▼	48 (2.0)
Qatar	21 (2.0) ▼	41 (2.2) ▼
Serbia	20 (2.5) ▼	45 (3.1) ▼
Bulgaria	19 (2.9) ▼	38 (3.1) ▼
Finland	19 (2.1) ▼	31 (2.7) ▼
Iran, Islamic Rep. of	17 (1.9) ▼	49 (2.7)
Chinese Taipei	15 (1.3) ▼	26 (2.1) ▼
Slovak Republic	13 (1.7) ▼	25 (2.4) ▼
Netherlands	12 (1.8) ▼	18 (2.0) ▼
Kuwait	11 (2.3) ▼	28 (2.7) ▼
Indonesia	9 (1.7) ▼	40 (2.8) ▼
Morocco	9 (1.1) ▼	34 (2.1) ▼
Georgia	8 (2.0) ▼	24 (2.7) ▼
Saudi Arabia	5 (1.3) ▼	23 (2.8) ▼
Croatia	3 (1.1) ▼	10 (1.8) ▼
<b>Benchmarking Participants</b>		
Florida, US	69 (3.8) ▲	85 (2.6) ▲
Ontario, Canada	59 (2.6) ▲	77 (2.5) ▲
Norway (4)	48 (3.3) ▲	64 (2.9) ▲
Dubai, UAE	46 (1.8) ▲	69 (1.4) ▲
Abu Dhabi, UAE	25 (2.8) ▼	50 (2.8)
Quebec, Canada	20 (3.3) ▼	34 (3.8) ▼
Buenos Aires, Argentina	1 (0.4) ▼	8 (1.6) ▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M01\_11 (M041174): Students sold more than 10 boxes**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	94 (1.1)	▲
Korea, Rep. of	94 (1.2)	▲
Finland	93 (1.0)	▲
Japan	92 (1.1)	▲
Northern Ireland	92 (1.2)	▲
Norway (5)	90 (1.3)	▲
Singapore	90 (1.2)	▲
Chinese Taipei	87 (1.8)	▲
Denmark	87 (1.4)	▲
Ireland	87 (1.5)	▲
Belgium (Flemish)	87 (1.5)	▲
England	86 (1.6)	▲
Sweden	85 (2.1)	▲
Netherlands	85 (1.8)	▲
Australia	85 (1.4)	▲
United States	85 (1.2)	▲
New Zealand	84 (1.3)	▲
Slovenia	82 (1.8)	▲
Portugal	82 (1.6)	▲
Canada	82 (1.3)	▲
Russian Federation	81 (1.8)	▲
Croatia	77 (2.3)	▲
Germany	76 (1.9)	▲
Lithuania	75 (2.6)	▲
Hungary	75 (2.0)	▲
Serbia	73 (2.1)	
Slovak Republic	71 (2.1)	
Czech Republic	71 (2.0)	
Poland	70 (2.4)	
<b>International Avg.</b>	<b>70 (0.3)</b>	
Bulgaria	69 (2.8)	
France	68 (2.4)	
Kazakhstan	67 (2.0)	
Turkey	64 (1.9)	▼
Italy	62 (2.3)	▼
Georgia	60 (2.5)	▼
Spain	55 (2.3)	▼
Chile	54 (1.9)	▼
Cyprus	53 (2.3)	▼
United Arab Emirates	50 (1.5)	▼
Qatar	48 (2.5)	▼
Oman	44 (1.8)	▼
Bahrain	44 (1.9)	▼
Iran, Islamic Rep. of	34 (3.0)	▼
Saudi Arabia	30 (2.5)	▼
Indonesia	30 (2.5)	▼
Kuwait	24 (2.8)	▼
Morocco	20 (2.1)	▼
<b>Benchmarking Participants</b>		
Ontario, Canada	85 (1.4)	▲
Florida, US	83 (2.7)	▲
Quebec, Canada	81 (2.5)	▲
Norway (4)	78 (2.3)	▲
Dubai, UAE	69 (1.2)	
Buenos Aires, Argentina	42 (3.1)	▼
Abu Dhabi, UAE	41 (2.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M01\_12 (M041191): Peter's height**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Japan	98 (0.5)	▲
Korea, Rep. of	97 (0.9)	▲
Chinese Taipei	97 (0.8)	▲
Hong Kong SAR	96 (0.9)	▲
Russian Federation	95 (0.9)	▲
Singapore	95 (0.6)	▲
Slovenia	94 (1.2)	▲
Norway (5)	93 (1.0)	▲
Czech Republic	93 (1.0)	▲
Northern Ireland	93 (1.3)	▲
Poland	93 (1.0)	▲
Croatia	92 (1.2)	▲
Belgium (Flemish)	92 (1.1)	▲
Ireland	92 (1.5)	▲
Finland	91 (1.0)	▲
United States	91 (0.9)	▲
Germany	91 (1.2)	▲
England	91 (1.3)	▲
Sweden	91 (1.5)	▲
Serbia	90 (1.5)	▲
Denmark	90 (1.5)	▲
Italy	90 (1.5)	▲
Netherlands	89 (1.5)	▲
Lithuania	89 (1.8)	▲
New Zealand	88 (1.1)	▲
Hungary	88 (1.5)	▲
Slovak Republic	88 (1.4)	▲
Kazakhstan	88 (1.7)	▲
Canada	88 (1.2)	▲
Portugal	87 (1.4)	
France	87 (1.3)	
Australia	87 (1.5)	
Spain	87 (1.2)	
Turkey	87 (1.2)	
<b>International Avg.</b>	<b>85 (0.2)</b>	
Bulgaria	85 (2.1)	
Georgia	80 (2.3)	▼
Cyprus	79 (1.7)	▼
Chile	76 (2.1)	▼
Indonesia	73 (2.3)	▼
United Arab Emirates	73 (1.1)	▼
Qatar	71 (2.1)	▼
Iran, Islamic Rep. of	71 (2.7)	▼
Oman	70 (1.3)	▼
Bahrain	69 (1.9)	▼
Saudi Arabia	54 (2.2)	▼
Morocco	48 (2.1)	▼
Kuwait	46 (2.3)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	93 (1.9)	▲
Florida, US	90 (1.6)	▲
Ontario, Canada	87 (1.9)	
Norway (4)	84 (1.9)	
Dubai, UAE	81 (1.7)	▼
Abu Dhabi, UAE	67 (2.2)	▼
Buenos Aires, Argentina	65 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M02\_01 (M061272): 45 divided by 3**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	95 (1.3)	▲
Chinese Taipei	93 (1.0)	▲
Japan	90 (1.4)	▲
Czech Republic	85 (1.7)	▲
Kazakhstan	83 (1.8)	▲
Korea, Rep. of	81 (1.7)	▲
Ireland	80 (1.8)	▲
Singapore	79 (1.6)	▲
Russian Federation	79 (1.9)	▲
Northern Ireland	70 (2.8)	▲
Lithuania	65 (2.6)	▲
Slovenia	64 (2.5)	▲
Georgia	62 (2.7)	▲
Germany	62 (2.3)	▲
England	61 (2.5)	▲
Bulgaria	59 (3.7)	▲
Croatia	58 (2.6)	▲
Italy	58 (2.7)	▲
United States	57 (1.8)	▲
Netherlands	55 (3.3)	▲
Finland	54 (2.8)	▲
Serbia	53 (2.4)	▲
Hungary	52 (2.5)	▲
Turkey	50 (2.0)	
Poland	49 (2.9)	
<b>International Avg.</b>	<b>47 (0.3)</b>	
Belgium (Flemish)	46 (2.4)	
Australia	40 (2.7)	▼
Cyprus	37 (2.4)	▼
Denmark	36 (2.4)	▼
Portugal	34 (2.6)	▼
Bahrain	32 (1.7)	▼
France	32 (3.0)	▼
Qatar	28 (1.8)	▼
United Arab Emirates	27 (1.4)	▼
Slovak Republic	26 (2.4)	▼
Canada	24 (1.4)	▼
New Zealand	20 (1.4)	▼
Chile	20 (2.1)	▼
Norway (5)	19 (2.1)	▼
Oman	18 (1.4)	▼
Spain	18 (1.7)	▼
Saudi Arabia	16 (2.1)	▼
Kuwait	12 (1.7)	▼
Sweden	10 (1.8)	▼
Morocco	7 (1.0)	▼
Indonesia	5 (0.8)	▼
Iran, Islamic Rep. of	5 (1.1)	▼
<b>Benchmarking Participants</b>		
Florida, US	60 (3.6)	▲
Dubai, UAE	42 (1.9)	▼
Quebec, Canada	27 (3.5)	▼
Ontario, Canada	25 (2.0)	▼
Norway (4)	23 (2.7)	▼
Abu Dhabi, UAE	22 (2.3)	▼
Buenos Aires, Argentina	9 (1.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M02\_02 (M061243): Write numbers that round to 200, 500**  
**Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Japan	84 (1.5) ▲	93 (1.0) ▲
Singapore	82 (1.3) ▲	88 (1.2) ▲
Korea, Rep. of	75 (2.0) ▲	88 (1.6) ▲
Hungary	75 (2.1) ▲	84 (1.8) ▲
Northern Ireland	70 (2.3) ▲	85 (1.9) ▲
Chinese Taipei	69 (2.1) ▲	81 (1.8) ▲
Czech Republic	68 (2.0) ▲	81 (1.7) ▲
Norway (5)	67 (2.2) ▲	84 (1.8) ▲
Finland	66 (2.2) ▲	80 (2.1) ▲
England	66 (2.2) ▲	82 (1.7) ▲
United States	64 (1.5) ▲	76 (1.2) ▲
Ireland	62 (2.5) ▲	84 (1.6) ▲
Cyprus	60 (2.0) ▲	72 (1.8) ▲
Netherlands	59 (2.5) ▲	74 (2.0) ▲
Denmark	57 (2.8) ▲	73 (2.5) ▲
Slovak Republic	56 (2.4) ▲	68 (2.2) ▲
Sweden	55 (3.0) ▲	75 (2.7) ▲
Germany	55 (2.3) ▲	68 (2.2) ▲
Spain	54 (2.3) ▲	72 (2.2) ▲
Australia	53 (2.0) ▲	72 (2.2) ▲
Portugal	53 (2.0) ▲	68 (2.1) ▲
Belgium (Flemish)	53 (2.6) ▲	70 (2.2) ▲
Canada	50 (1.8)	68 (1.6) ▲
Turkey	49 (2.1)	66 (2.1)
Chile	49 (2.2)	70 (2.0) ▲
<b>International Avg.</b>	<b>48 (0.3)</b>	<b>63 (0.3)</b>
Lithuania	46 (2.6)	63 (2.3)
Russian Federation	46 (2.2)	57 (2.0) ▼
Hong Kong SAR	46 (3.2)	68 (2.7)
New Zealand	44 (1.9)	65 (1.9)
Bulgaria	43 (2.9)	53 (3.1) ▼
Georgia	40 (2.9) ▼	54 (2.9) ▼
Croatia	40 (2.5) ▼	52 (2.6) ▼
Slovenia	39 (2.4) ▼	51 (2.8) ▼
Qatar	37 (2.3) ▼	53 (2.4) ▼
United Arab Emirates	37 (1.3) ▼	53 (1.1) ▼
Iran, Islamic Rep. of	36 (2.4) ▼	51 (2.7) ▼
Serbia	36 (2.3) ▼	50 (2.5) ▼
Bahrain	33 (1.8) ▼	49 (2.1) ▼
Poland	29 (2.5) ▼	39 (2.1) ▼
Italy	27 (2.0) ▼	43 (2.3) ▼
France	26 (2.1) ▼	42 (2.4) ▼
Oman	25 (1.6) ▼	37 (1.7) ▼
Kazakhstan	21 (2.0) ▼	48 (3.1) ▼
Kuwait	18 (1.9) ▼	29 (2.3) ▼
Morocco	16 (1.6) ▼	38 (2.6) ▼
Indonesia	11 (1.5) ▼	18 (1.9) ▼
Saudi Arabia	1 (0.3) ▼	25 (2.0) ▼
<b>Benchmarking Participants</b>		
Florida, US	72 (3.1) ▲	77 (2.9) ▲
Ontario, Canada	58 (2.1) ▲	75 (1.6) ▲
Norway (4)	57 (2.5) ▲	73 (2.3) ▲
Dubai, UAE	46 (1.5)	65 (2.0)
Quebec, Canada	41 (3.2) ▼	59 (3.5)
Abu Dhabi, UAE	34 (2.3) ▼	49 (2.3) ▼
Buenos Aires, Argentina	27 (2.8) ▼	40 (3.1) ▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M02\_03 (M061029): Blair's number puzzle**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Korea, Rep. of	91 (1.2)	▲
Hong Kong SAR	91 (1.6)	▲
Chinese Taipei	85 (1.7)	▲
Singapore	85 (1.3)	▲
Japan	84 (1.5)	▲
Finland	81 (1.8)	▲
Portugal	79 (1.6)	▲
Sweden	77 (2.4)	▲
Russian Federation	76 (2.1)	▲
Hungary	74 (2.8)	▲
United States	74 (1.4)	▲
Germany	74 (2.1)	▲
Czech Republic	74 (1.9)	▲
Norway (5)	73 (2.1)	▲
Italy	73 (2.2)	▲
Croatia	72 (2.3)	▲
Cyprus	72 (1.7)	▲
England	71 (1.8)	▲
France	71 (2.3)	▲
Bulgaria	71 (2.3)	▲
Slovak Republic	71 (2.0)	▲
Netherlands	70 (2.0)	▲
Northern Ireland	70 (2.3)	▲
Poland	69 (2.2)	
Belgium (Flemish)	68 (1.9)	
Canada	67 (1.6)	
Spain	66 (1.9)	
Serbia	65 (2.5)	
<b>International Avg.</b>	<b>65 (0.3)</b>	
Denmark	64 (2.5)	
Australia	63 (2.6)	
Slovenia	62 (2.4)	
Ireland	61 (2.2)	
Kazakhstan	61 (2.3)	
Lithuania	61 (2.5)	
Chile	56 (1.7)	▼
Turkey	56 (1.6)	▼
Bahrain	53 (2.0)	▼
Georgia	52 (2.4)	▼
New Zealand	51 (2.1)	▼
Oman	51 (1.6)	▼
United Arab Emirates	49 (1.2)	▼
Qatar	45 (2.3)	▼
Iran, Islamic Rep. of	45 (2.9)	▼
Morocco	39 (2.6)	▼
Saudi Arabia	37 (2.9)	▼
Kuwait	29 (2.4)	▼
Indonesia	27 (2.4)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	82 (3.0)	▲
Florida, US	75 (2.5)	▲
Ontario, Canada	64 (1.9)	
Dubai, UAE	62 (1.7)	
Norway (4)	61 (2.6)	
Abu Dhabi, UAE	43 (2.2)	▼
Buenos Aires, Argentina	37 (2.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M02\_04 (M061031): Total number of bracelets Sally can make**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Korea, Rep. of	77 (1.7)	▲
Hong Kong SAR	71 (2.7)	▲
Japan	66 (1.9)	▲
Singapore	65 (2.1)	▲
Chinese Taipei	62 (1.9)	▲
Denmark	55 (2.6)	▲
Russian Federation	54 (2.0)	▲
Kazakhstan	52 (2.3)	▲
Lithuania	52 (3.0)	▲
Poland	49 (2.4)	▲
Czech Republic	47 (2.4)	▲
Sweden	47 (2.6)	▲
Netherlands	47 (2.4)	▲
Norway (5)	46 (2.0)	▲
United States	43 (1.4)	▲
Northern Ireland	43 (3.3)	
Finland	42 (1.7)	▲
Bulgaria	41 (2.5)	
Slovenia	39 (2.3)	
Australia	39 (2.3)	
Slovak Republic	38 (2.1)	
<b>International Avg.</b>	<b>38 (0.3)</b>	
England	38 (2.2)	
Portugal	38 (2.3)	
Hungary	37 (2.0)	
Belgium (Flemish)	37 (2.6)	
Canada	36 (1.7)	
Ireland	36 (3.0)	
Germany	35 (2.0)	
Italy	34 (2.1)	
Serbia	34 (2.6)	
Croatia	31 (2.4)	▼
Cyprus	31 (2.3)	▼
New Zealand	31 (1.7)	▼
Georgia	30 (2.4)	▼
Turkey	29 (1.7)	▼
France	28 (2.3)	▼
United Arab Emirates	24 (1.1)	▼
Qatar	23 (1.9)	▼
Spain	23 (1.9)	▼
Oman	21 (1.4)	▼
Bahrain	21 (1.8)	▼
Indonesia	20 (1.9)	▼
Chile	19 (1.7)	▼
Iran, Islamic Rep. of	16 (2.1)	▼
Saudi Arabia	16 (1.9)	▼
Morocco	13 (1.6)	▼
Kuwait	10 (1.6)	▼
<b>Benchmarking Participants</b>		
Florida, US	46 (3.9)	▲
Ontario, Canada	39 (2.5)	
Quebec, Canada	36 (3.4)	
Dubai, UAE	35 (1.6)	
Norway (4)	30 (1.9)	▼
Buenos Aires, Argentina	20 (2.3)	▼
Abu Dhabi, UAE	18 (1.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M02\_05 (M061050): Choose a number to complete number sentence**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Hong Kong SAR	89 (1.6)	▲
Singapore	84 (1.6)	▲
Russian Federation	83 (1.5)	▲
Kazakhstan	82 (1.6)	▲
Japan	76 (2.2)	▲
Bulgaria	73 (2.5)	▲
Northern Ireland	72 (2.7)	▲
Lithuania	64 (2.7)	▲
Chinese Taipei	63 (2.1)	▲
Korea, Rep. of	61 (2.6)	▲
Georgia	59 (2.6)	▲
Serbia	58 (2.6)	▲
Cyprus	58 (2.4)	▲
Ireland	57 (2.5)	▲
Sweden	55 (2.5)	▲
Hungary	54 (2.7)	▲
Belgium (Flemish)	53 (2.0)	▲
Poland	51 (2.5)	▲
Portugal	50 (2.1)	▲
United States	49 (1.6)	▲
<b>International Avg.</b>	<b>45 (0.3)</b>	
Norway (5)	44 (2.2)	
England	42 (2.7)	
Australia	41 (2.2)	▼
Denmark	40 (2.6)	▼
Finland	38 (2.4)	▼
Netherlands	37 (2.8)	▼
Slovenia	36 (2.4)	▼
Oman	36 (1.6)	▼
Spain	36 (2.2)	▼
Croatia	35 (2.2)	▼
Canada	33 (1.7)	▼
France	33 (2.1)	▼
United Arab Emirates	31 (1.1)	▼
Slovak Republic	30 (2.3)	▼
Morocco	30 (2.5)	▼
Indonesia	28 (2.2)	▼
Germany	28 (1.9)	▼
Italy	28 (2.2)	▼
Bahrain	27 (2.0)	▼
Czech Republic	27 (2.1)	▼
Qatar	26 (2.0)	▼
Turkey	26 (1.9)	▼
New Zealand	23 (1.8)	▼
Saudi Arabia	23 (2.0)	▼
Kuwait	22 (2.0)	▼
Chile	22 (2.1)	▼
Iran, Islamic Rep. of	21 (2.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	52 (3.8)	
Dubai, UAE	42 (2.0)	
Ontario, Canada	39 (2.1)	▼
Norway (4)	36 (2.2)	▼
Quebec, Canada	31 (4.4)	▼
Abu Dhabi, UAE	27 (2.3)	▼
Buenos Aires, Argentina	18 (2.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M02\_06 (M061167): Next number in Hanif's number pattern**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Singapore	89 (1.0)	▲
Korea, Rep. of	89 (1.7)	▲
Northern Ireland	87 (1.8)	▲
Russian Federation	85 (1.8)	▲
England	84 (1.9)	▲
Portugal	84 (1.3)	▲
Ireland	81 (1.9)	▲
Hong Kong SAR	80 (1.9)	▲
Finland	80 (2.2)	▲
Japan	79 (1.5)	▲
United States	78 (1.3)	▲
Cyprus	78 (1.8)	▲
Norway (5)	78 (1.9)	▲
Czech Republic	76 (1.9)	▲
Netherlands	76 (2.2)	▲
Kazakhstan	76 (1.6)	▲
Australia	75 (1.8)	▲
Croatia	75 (2.1)	▲
Belgium (Flemish)	75 (1.5)	▲
Spain	74 (1.7)	▲
Serbia	74 (2.4)	
Turkey	74 (1.5)	▲
Chinese Taipei	73 (2.0)	
Hungary	73 (1.9)	
Germany	72 (1.9)	
Canada	72 (1.5)	
Denmark	71 (2.0)	
Poland	71 (2.1)	
<b>International Avg.</b>	<b>70 (0.3)</b>	
Sweden	69 (2.7)	
Iran, Islamic Rep. of	69 (3.0)	
Georgia	68 (2.5)	
Bulgaria	68 (2.6)	
Slovenia	68 (2.1)	
New Zealand	66 (1.9)	
Lithuania	65 (2.3)	
Italy	65 (2.4)	▼
Slovak Republic	64 (1.9)	▼
Bahrain	62 (2.1)	▼
Chile	60 (2.2)	▼
France	59 (2.4)	▼
United Arab Emirates	58 (1.3)	▼
Qatar	52 (2.3)	▼
Saudi Arabia	50 (2.3)	▼
Oman	48 (1.7)	▼
Indonesia	45 (3.1)	▼
Kuwait	28 (2.7)	▼
Morocco	24 (2.5)	▼
<b>Benchmarking Participants</b>		
Florida, US	82 (2.7)	▲
Quebec, Canada	76 (2.7)	▲
Ontario, Canada	74 (2.1)	▲
Dubai, UAE	72 (1.4)	
Norway (4)	68 (2.2)	
Abu Dhabi, UAE	52 (2.5)	▼
Buenos Aires, Argentina	46 (3.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M02\_07 (M061206): Estimate path length from Miguel's house to school**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Korea, Rep. of	63 (2.0)	▲
Hong Kong SAR	61 (2.4)	▲
Japan	59 (1.9)	▲
Finland	58 (2.1)	▲
Norway (5)	57 (2.1)	▲
Denmark	56 (3.0)	▲
Singapore	55 (1.6)	▲
Slovenia	52 (2.3)	▲
Czech Republic	52 (2.2)	▲
Belgium (Flemish)	50 (2.0)	▲
Germany	50 (2.0)	▲
Kazakhstan	50 (3.0)	▲
Hungary	50 (2.5)	▲
Russian Federation	49 (2.2)	▲
Chinese Taipei	47 (2.3)	▲
Bulgaria	47 (3.3)	▲
Poland	47 (2.2)	▲
Netherlands	45 (2.1)	▲
Sweden	44 (2.3)	
Ireland	43 (2.8)	
Northern Ireland	43 (2.8)	
Croatia	43 (2.4)	
Serbia	41 (2.4)	
Lithuania	41 (2.5)	
New Zealand	41 (1.9)	
Slovak Republic	41 (2.1)	
International Avg.	40 (0.3)	
England	40 (2.2)	
Australia	39 (2.3)	
France	37 (2.0)	
Portugal	35 (2.0)	▼
Canada	34 (1.6)	▼
Spain	34 (1.8)	▼
United States	34 (1.6)	▼
Cyprus	34 (1.8)	▼
Italy	33 (2.4)	▼
Georgia	32 (2.4)	▼
Turkey	29 (1.7)	▼
Iran, Islamic Rep. of	27 (2.5)	▼
Oman	27 (1.5)	▼
Qatar	26 (1.8)	▼
United Arab Emirates	25 (0.9)	▼
Chile	22 (1.7)	▼
Indonesia	21 (1.8)	▼
Morocco	20 (1.8)	▼
Saudi Arabia	20 (2.1)	▼
Bahrain	19 (1.6)	▼
Kuwait	17 (1.5)	▼
<b>Benchmarking Participants</b>		
Norway (4)	44 (2.8)	
Florida, US	40 (2.8)	
Ontario, Canada	37 (2.6)	
Quebec, Canada	35 (3.4)	
Dubai, UAE	34 (1.6)	▼
Buenos Aires, Argentina	24 (2.1)	▼
Abu Dhabi, UAE	20 (1.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M02\_08A (M061265A): Elisa and Ken - other point Elisa could end  
Constructed Response (1 Point)**

Country	Percent Correct	
Northern Ireland	74 (2.3)	▲
Japan	70 (1.9)	▲
Sweden	67 (2.2)	▲
Norway (5)	66 (2.4)	▲
Finland	64 (2.4)	▲
Denmark	61 (2.6)	▲
England	61 (2.3)	▲
Singapore	61 (1.9)	▲
Netherlands	60 (2.3)	▲
Ireland	58 (2.6)	▲
Australia	52 (2.6)	▲
Germany	51 (2.2)	▲
Czech Republic	47 (2.4)	▲
Hungary	47 (2.3)	▲
Canada	47 (2.0)	▲
Portugal	46 (2.3)	▲
New Zealand	46 (2.1)	▲
Spain	46 (2.3)	▲
United States	43 (1.7)	▲
Korea, Rep. of	43 (2.0)	▲
Belgium (Flemish)	43 (1.9)	▲
Russian Federation	43 (2.1)	▲
Poland	42 (2.5)	
Slovenia	41 (2.3)	
Slovak Republic	40 (2.3)	
Italy	38 (2.2)	
International Avg.	38 (0.3)	
France	36 (2.6)	
Serbia	36 (2.2)	
Cyprus	35 (2.1)	
Croatia	33 (2.4)	▼
Chinese Taipei	31 (2.2)	▼
Hong Kong SAR	31 (2.2)	▼
Bulgaria	30 (2.6)	▼
Kazakhstan	27 (2.8)	▼
Chile	23 (1.6)	▼
United Arab Emirates	22 (1.4)	▼
Georgia	20 (2.1)	▼
Qatar	17 (1.8)	▼
Turkey	16 (1.3)	▼
Bahrain	13 (2.1)	▼
Iran, Islamic Rep. of	12 (1.9)	▼
Lithuania	11 (1.2)	▼
Oman	10 (1.0)	▼
Kuwait	5 (1.2)	▼
Saudi Arabia	5 (0.8)	▼
Indonesia	5 (1.0)	▼
Morocco	4 (0.8)	▼
<b>Benchmarking Participants</b>		
Ontario, Canada	48 (2.7)	▲
Quebec, Canada	46 (3.9)	▲
Norway (4)	46 (2.2)	▲
Florida, US	42 (3.4)	
Dubai, UAE	36 (1.5)	
Buenos Aires, Argentina	24 (2.6)	▼
Abu Dhabi, UAE	17 (2.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M02\_08B (M061265B): Elisa and Ken - point Ken could end  
Multiple Choice (Key is B)**

Country	Percent Correct	
Japan	76 (1.7)	▲
Singapore	56 (1.9)	▲
Korea, Rep. of	55 (2.1)	▲
Chinese Taipei	52 (2.0)	▲
Norway (5)	47 (2.5)	▲
Northern Ireland	47 (2.9)	▲
Czech Republic	46 (2.2)	▲
Russian Federation	45 (2.6)	▲
Slovak Republic	45 (2.2)	▲
Hong Kong SAR	45 (1.9)	▲
Sweden	43 (2.1)	▲
Hungary	43 (2.0)	▲
Germany	42 (2.2)	▲
Denmark	42 (2.7)	▲
Portugal	41 (2.2)	▲
Serbia	41 (2.3)	▲
England	38 (2.3)	
Kazakhstan	38 (2.3)	
Finland	36 (2.3)	
Belgium (Flemish)	36 (1.6)	
Slovenia	36 (2.2)	
Ireland	36 (2.0)	
Australia	35 (2.1)	
<b>International Avg.</b>	<b>35 (0.3)</b>	
Cyprus	35 (2.2)	
Netherlands	35 (2.0)	
Poland	34 (2.1)	
United States	34 (1.6)	
New Zealand	34 (2.0)	
Bulgaria	33 (2.4)	
Croatia	33 (2.2)	
France	31 (2.2)	▼
Canada	30 (1.2)	▼
Turkey	30 (1.7)	▼
Lithuania	30 (2.4)	▼
Italy	29 (2.2)	▼
United Arab Emirates	26 (1.1)	▼
Georgia	26 (2.3)	▼
Qatar	24 (2.2)	▼
Chile	22 (1.6)	▼
Bahrain	21 (1.9)	▼
Oman	21 (1.4)	▼
Saudi Arabia	20 (2.1)	▼
Indonesia	20 (1.8)	▼
Iran, Islamic Rep. of	19 (2.1)	▼
Kuwait	18 (1.7)	▼
Morocco	18 (1.5)	▼
Spain	16 (1.3)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	37 (3.3)	
Norway (4)	33 (2.0)	
Florida, US	31 (3.1)	
Ontario, Canada	31 (1.8)	▼
Dubai, UAE	30 (1.5)	▼
Abu Dhabi, UAE	24 (1.9)	▼
Buenos Aires, Argentina	21 (2.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M02\_09 (M061185): Time that hands of clock are at a right angle**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Korea, Rep. of	97 (0.8)	▲
Hong Kong SAR	93 (1.4)	▲
Chinese Taipei	92 (1.0)	▲
Singapore	89 (1.2)	▲
Japan	88 (1.4)	▲
Poland	84 (1.7)	▲
Finland	83 (1.6)	▲
Russian Federation	82 (1.6)	▲
Croatia	82 (2.0)	▲
Portugal	81 (1.6)	▲
Spain	80 (2.1)	▲
Northern Ireland	79 (1.9)	▲
Italy	79 (1.9)	▲
Kazakhstan	79 (1.9)	▲
Cyprus	79 (2.0)	▲
Lithuania	77 (2.1)	▲
Norway (5)	77 (1.8)	▲
Bulgaria	75 (2.2)	▲
United States	75 (1.5)	▲
Slovenia	75 (2.0)	▲
Ireland	75 (2.2)	▲
Hungary	74 (2.1)	▲
England	73 (2.3)	▲
Serbia	73 (2.4)	
Germany	73 (2.3)	
Netherlands	72 (2.1)	
France	71 (2.4)	
Turkey	71 (2.1)	
Sweden	69 (2.5)	
<b>International Avg.</b>	<b>69 (0.3)</b>	
Belgium (Flemish)	69 (2.0)	
Czech Republic	65 (2.1)	▼
Georgia	65 (2.8)	
Denmark	64 (2.7)	
Australia	62 (2.4)	▼
Iran, Islamic Rep. of	59 (3.1)	▼
Canada	59 (2.1)	▼
Chile	56 (2.1)	▼
Slovak Republic	55 (2.2)	▼
Bahrain	54 (2.0)	▼
United Arab Emirates	47 (1.3)	▼
Oman	46 (1.6)	▼
New Zealand	45 (2.4)	▼
Qatar	43 (2.4)	▼
Saudi Arabia	43 (2.3)	▼
Indonesia	41 (2.3)	▼
Morocco	39 (2.4)	▼
Kuwait	29 (2.2)	▼
<b>Benchmarking Participants</b>		
Florida, US	80 (2.3)	▲
Quebec, Canada	74 (2.9)	
Norway (4)	69 (2.1)	
Dubai, UAE	63 (1.5)	▼
Ontario, Canada	61 (2.4)	▼
Buenos Aires, Argentina	60 (3.0)	▼
Abu Dhabi, UAE	41 (3.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M02\_10 (M061239): Identify snakes by length and weight**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	97 (0.6)	▲
Korea, Rep. of	95 (0.8)	▲
Chinese Taipei	94 (1.1)	▲
Singapore	92 (1.0)	▲
Finland	91 (1.2)	▲
Japan	91 (1.2)	▲
Norway (5)	89 (1.4)	▲
Poland	88 (1.4)	▲
Sweden	86 (1.8)	▲
Northern Ireland	86 (1.8)	▲
Czech Republic	85 (1.5)	▲
Belgium (Flemish)	84 (1.3)	▲
Germany	84 (1.8)	▲
Croatia	83 (1.9)	▲
Netherlands	83 (1.8)	▲
Ireland	83 (1.6)	▲
England	83 (1.6)	▲
Russian Federation	81 (1.9)	▲
Slovenia	81 (1.9)	▲
Portugal	79 (2.0)	▲
Lithuania	79 (1.9)	▲
Hungary	78 (2.2)	▲
Australia	78 (2.1)	▲
Canada	78 (1.5)	▲
United States	77 (1.4)	▲
Denmark	77 (1.9)	▲
Spain	76 (1.8)	▲
Italy	75 (1.9)	▲
Serbia	74 (2.2)	▲
Slovak Republic	74 (1.9)	
New Zealand	71 (1.6)	
Cyprus	70 (1.7)	
International Avg.	70 (0.3)	
Bulgaria	69 (2.6)	
Kazakhstan	62 (2.8)	▼
Chile	58 (2.6)	▼
Turkey	53 (1.7)	▼
Georgia	51 (3.0)	▼
United Arab Emirates	51 (1.1)	▼
Qatar	50 (1.9)	▼
Bahrain	45 (3.0)	▼
Iran, Islamic Rep. of	37 (2.5)	▼
Oman	30 (1.6)	▼
Indonesia	28 (2.0)	▼
Kuwait	20 (1.7)	▼
Morocco	19 (2.6)	▼
Saudi Arabia	2 (0.4)	▼
France	- -	
<b>Benchmarking Participants</b>		
Quebec, Canada	89 (2.5)	▲
Florida, US	79 (2.4)	▲
Ontario, Canada	76 (1.7)	▲
Norway (4)	69 (2.2)	
Dubai, UAE	69 (1.4)	
Buenos Aires, Argentina	49 (3.0)	▼
Abu Dhabi, UAE	43 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M03\_01 (M051205): Subtract 532 from 4809**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Chinese Taipei	92 (1.3)	▲
Singapore	90 (1.2)	▲
Korea, Rep. of	85 (1.6)	▲
Japan	85 (1.6)	▲
Russian Federation	83 (1.8)	▲
Hong Kong SAR	82 (1.8)	▲
Kazakhstan	80 (1.8)	▲
Serbia	79 (2.3)	▲
Bulgaria	75 (2.2)	▲
Ireland	75 (2.3)	▲
Portugal	72 (2.1)	▲
Italy	72 (2.3)	▲
Lithuania	72 (2.6)	▲
United States	71 (1.5)	▲
Northern Ireland	69 (2.7)	▲
Georgia	68 (2.4)	▲
Turkey	64 (1.8)	▲
Croatia	64 (2.8)	▲
Spain	63 (2.3)	▲
England	62 (2.0)	▲
Cyprus	61 (2.2)	
Norway (5)	61 (2.8)	
<b>International Avg.</b>	<b>57 (0.3)</b>	
Hungary	57 (2.1)	
Slovak Republic	56 (2.3)	
Denmark	55 (2.7)	
Czech Republic	55 (2.6)	
Canada	51 (1.5)	▼
Poland	50 (2.4)	▼
Belgium (Flemish)	50 (2.1)	▼
Qatar	49 (1.9)	▼
Germany	49 (2.4)	▼
United Arab Emirates	48 (1.4)	▼
Netherlands	48 (2.0)	▼
Slovenia	48 (2.4)	▼
Bahrain	46 (3.3)	▼
Sweden	46 (3.1)	▼
Chile	44 (2.4)	▼
France	44 (2.1)	▼
Finland	42 (2.4)	▼
Morocco	41 (2.6)	▼
Oman	41 (2.0)	▼
Iran, Islamic Rep. of	40 (2.6)	▼
Australia	33 (2.1)	▼
Indonesia	27 (2.3)	▼
Kuwait	18 (2.1)	▼
New Zealand	17 (1.3)	▼
Saudi Arabia	12 (1.8)	▼
<b>Benchmarking Participants</b>		
Florida, US	79 (3.0)	▲
Quebec, Canada	75 (3.0)	▲
Dubai, UAE	65 (2.0)	▲
Buenos Aires, Argentina	56 (2.6)	
Ontario, Canada	45 (2.1)	▼
Norway (4)	42 (2.6)	▼
Abu Dhabi, UAE	39 (2.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M03\_02 (M051039): Number of books Mary can buy**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	87 (1.8)	▲
Chinese Taipei	85 (1.5)	▲
Korea, Rep. of	83 (1.9)	▲
Japan	83 (1.5)	▲
Singapore	77 (1.7)	▲
Poland	75 (2.2)	▲
Netherlands	73 (1.7)	▲
Germany	73 (2.2)	▲
Russian Federation	72 (2.0)	▲
Norway (5)	70 (2.0)	▲
Lithuania	70 (2.5)	▲
Finland	70 (2.0)	▲
Kazakhstan	70 (2.0)	▲
Denmark	69 (1.8)	▲
Northern Ireland	69 (2.1)	▲
Czech Republic	68 (2.0)	▲
Sweden	67 (2.1)	▲
Serbia	64 (2.8)	▲
Belgium (Flemish)	63 (2.1)	▲
Ireland	62 (2.7)	▲
Slovak Republic	61 (2.0)	▲
England	60 (2.5)	
Bulgaria	60 (2.5)	
Portugal	58 (2.3)	
Hungary	57 (2.4)	
<b>International Avg.</b>	<b>55 (0.3)</b>	
Italy	55 (2.2)	
Australia	54 (2.6)	
United States	53 (1.7)	
Croatia	53 (2.5)	
Canada	49 (1.9)	▼
Georgia	48 (2.4)	▼
Slovenia	48 (2.2)	▼
Cyprus	48 (1.8)	▼
Turkey	47 (1.9)	▼
Spain	44 (2.4)	▼
New Zealand	44 (2.3)	▼
France	43 (2.2)	▼
Chile	35 (2.0)	▼
United Arab Emirates	35 (1.1)	▼
Bahrain	34 (2.2)	▼
Iran, Islamic Rep. of	30 (2.5)	▼
Qatar	27 (2.4)	▼
Indonesia	27 (2.0)	▼
Saudi Arabia	25 (2.2)	▼
Oman	18 (1.3)	▼
Morocco	17 (1.7)	▼
Kuwait	15 (1.7)	▼
<b>Benchmarking Participants</b>		
Norway (4)	53 (2.3)	
Florida, US	53 (2.9)	
Quebec, Canada	52 (3.8)	
Ontario, Canada	51 (2.8)	
Dubai, UAE	49 (1.7)	▼
Buenos Aires, Argentina	34 (2.4)	▼
Abu Dhabi, UAE	28 (2.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M03\_03 (M051055): Trip from Newtown to Oldtown**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Singapore	70 (1.8)	▲
Chinese Taipei	63 (2.6)	▲
Hong Kong SAR	57 (2.9)	▲
Netherlands	56 (2.2)	▲
Northern Ireland	52 (2.9)	▲
Belgium (Flemish)	48 (2.0)	▲
Germany	43 (2.5)	▲
Korea, Rep. of	40 (2.2)	▲
England	38 (2.4)	▲
Lithuania	38 (2.6)	▲
Kazakhstan	38 (2.9)	▲
Poland	36 (2.4)	▲
Japan	35 (1.9)	▲
Hungary	35 (2.1)	▲
Czech Republic	34 (2.3)	▲
Russian Federation	33 (2.5)	▲
Slovak Republic	32 (2.3)	▲
Serbia	30 (2.3)	
Sweden	29 (2.6)	
Denmark	27 (2.1)	
Ireland	25 (2.1)	
<b>International Avg.</b>	<b>25 (0.3)</b>	
United States	24 (1.5)	
Norway (5)	23 (2.3)	
Cyprus	22 (1.8)	
Bulgaria	22 (2.2)	
Australia	20 (1.9)	▼
New Zealand	19 (1.4)	▼
Finland	18 (1.6)	▼
Italy	16 (1.7)	▼
Slovenia	16 (1.7)	▼
Croatia	16 (1.5)	▼
Georgia	15 (2.0)	▼
Turkey	14 (1.3)	▼
Canada	14 (1.1)	▼
France	12 (1.5)	▼
Bahrain	12 (1.5)	▼
Portugal	10 (1.5)	▼
United Arab Emirates	10 (0.8)	▼
Qatar	9 (1.1)	▼
Chile	6 (1.2)	▼
Spain	6 (1.0)	▼
Saudi Arabia	5 (1.2)	▼
Iran, Islamic Rep. of	4 (0.9)	▼
Morocco	4 (1.0)	▼
Indonesia	3 (0.8)	▼
Kuwait	3 (0.9)	▼
Oman	2 (0.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	19 (2.9)	▼
Dubai, UAE	17 (1.3)	▼
Norway (4)	17 (1.9)	▼
Ontario, Canada	16 (2.0)	▼
Quebec, Canada	12 (1.8)	▼
Abu Dhabi, UAE	6 (1.3)	▼
Buenos Aires, Argentina	6 (1.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M03\_04 (M051006): Cost of ice cream**  
**Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	51 (2.2) ●	73 (1.9) ●
Kazakhstan	47 (3.1) ●	63 (2.5) ●
Korea, Rep. of	41 (2.3) ●	63 (2.4) ●
Hong Kong SAR	34 (2.3) ●	54 (2.1) ●
Sweden	30 (3.0) ●	47 (2.8) ●
Japan	30 (2.1) ●	47 (2.3) ●
Finland	29 (2.4) ●	45 (2.5) ●
Russian Federation	24 (2.3) ●	45 (2.3) ●
Cyprus	24 (1.8) ●	39 (2.2) ●
Chinese Taipei	24 (2.0) ●	44 (2.4) ●
Norway (5)	23 (2.0) ●	42 (2.4) ●
Poland	23 (2.1) ●	38 (2.4) ●
Denmark	23 (2.2) ●	40 (2.4) ●
Hungary	19 (1.5)	34 (1.9)
Serbia	18 (1.9)	32 (2.1)
Slovak Republic	18 (1.5)	35 (1.8)
<b>International Avg.</b>	<b>17 (0.3)</b>	<b>33 (0.3)</b>
England	17 (1.5)	31 (2.1)
Australia	16 (1.9)	32 (1.9)
Czech Republic	16 (1.7)	30 (2.0)
Canada	16 (1.5)	32 (1.7)
Bulgaria	16 (1.9)	36 (2.2)
Ireland	16 (2.0)	30 (2.3)
Netherlands	16 (1.8)	35 (2.7)
Germany	15 (1.8)	29 (1.9) ▼
Northern Ireland	15 (1.6)	34 (2.1)
Slovenia	15 (1.4)	30 (2.0)
Croatia	15 (1.5)	27 (2.0) ▼
Lithuania	15 (1.8)	34 (2.5)
United States	14 (1.3) ▼	33 (1.8)
Belgium (Flemish)	14 (1.7) ▼	32 (1.8)
Italy	13 (1.9) ▼	27 (2.2) ▼
Spain	12 (1.3) ▼	32 (2.3)
France	12 (1.4) ▼	25 (1.9) ▼
Georgia	12 (1.8) ▼	30 (2.8)
Turkey	11 (1.4) ▼	27 (2.1) ▼
Portugal	10 (1.6) ▼	31 (2.4)
United Arab Emirates	10 (0.7) ▼	21 (1.0) ▼
New Zealand	9 (1.1) ▼	27 (1.4) ▼
Chile	9 (1.4) ▼	22 (1.6) ▼
Oman	7 (1.0) ▼	18 (1.3) ▼
Bahrain	6 (1.2) ▼	24 (2.3) ▼
Qatar	5 (1.2) ▼	18 (1.9) ▼
Iran, Islamic Rep. of	5 (1.3) ▼	14 (2.0) ▼
Saudi Arabia	5 (0.8) ▼	17 (1.8) ▼
Morocco	5 (1.2) ▼	14 (1.8) ▼
Kuwait	3 (1.1) ▼	12 (1.3) ▼
Indonesia	2 (0.6) ▼	11 (1.3) ▼
<b>Benchmarking Participants</b>		
Quebec, Canada	26 (4.1) ●	36 (3.9)
Florida, US	17 (2.1)	35 (2.7)
Dubai, UAE	17 (1.3)	31 (1.6)
Norway (4)	14 (1.8) ▼	33 (2.5)
Ontario, Canada	12 (1.6) ▼	32 (1.9)
Abu Dhabi, UAE	7 (1.3) ▼	15 (1.9) ▼
Buenos Aires, Argentina	7 (1.3) ▼	16 (2.0) ▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M03\_05 (M051070): Jim's money after purchase**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Singapore	83 (1.2)	▲
Chinese Taipei	64 (2.5)	▲
Korea, Rep. of	63 (2.0)	▲
Northern Ireland	56 (2.8)	▲
Lithuania	56 (2.3)	▲
Kazakhstan	55 (2.4)	▲
Japan	54 (2.4)	▲
Hong Kong SAR	49 (3.0)	▲
Ireland	49 (3.0)	▲
Bulgaria	46 (2.6)	▲
Netherlands	44 (2.1)	▲
Russian Federation	43 (2.0)	▲
United States	43 (1.7)	▲
Poland	41 (2.2)	▲
Portugal	41 (1.8)	▲
Georgia	40 (2.0)	▲
England	40 (1.9)	▲
Germany	38 (2.5)	
Belgium (Flemish)	38 (1.9)	
<b>International Avg.</b>	<b>36 (0.3)</b>	
Italy	34 (2.2)	
Finland	34 (2.4)	
Norway (5)	34 (1.7)	
Cyprus	32 (2.1)	
Australia	32 (2.0)	
Slovak Republic	32 (1.8)	▼
Turkey	32 (1.9)	▼
Spain	31 (2.1)	▼
Czech Republic	30 (1.9)	▼
Canada	30 (1.4)	▼
Denmark	28 (1.8)	▼
Sweden	28 (2.3)	▼
Serbia	28 (2.3)	▼
Slovenia	27 (2.2)	▼
New Zealand	27 (1.6)	▼
Hungary	26 (2.0)	▼
Croatia	26 (2.1)	▼
United Arab Emirates	25 (1.3)	▼
Oman	24 (1.2)	▼
Saudi Arabia	23 (2.0)	▼
Iran, Islamic Rep. of	22 (3.2)	▼
Morocco	22 (1.9)	▼
Qatar	21 (1.5)	▼
Indonesia	20 (2.0)	▼
Bahrain	20 (2.1)	▼
France	20 (2.0)	▼
Chile	19 (1.8)	▼
Kuwait	18 (1.7)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	41 (2.8)	▲
Florida, US	40 (2.9)	
Dubai, UAE	31 (1.9)	▼
Ontario, Canada	27 (2.0)	▼
Norway (4)	26 (2.3)	▼
Abu Dhabi, UAE	24 (2.3)	▼
Buenos Aires, Argentina	14 (1.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M03\_06 (M051018): Picture on the 39th sticker**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Korea, Rep. of	80 (1.5)	▲
Kazakhstan	78 (2.2)	▲
Japan	74 (2.1)	▲
Singapore	69 (1.6)	▲
Belgium (Flemish)	67 (1.7)	▲
Chinese Taipei	67 (2.0)	▲
Hong Kong SAR	65 (2.4)	▲
Czech Republic	62 (2.0)	▲
Northern Ireland	60 (2.3)	▲
Russian Federation	60 (2.2)	▲
Denmark	58 (2.3)	▲
England	57 (2.0)	▲
Netherlands	56 (2.0)	▲
Norway (5)	56 (2.4)	▲
Ireland	56 (2.3)	▲
Hungary	55 (2.2)	▲
Poland	55 (2.4)	▲
Portugal	55 (2.4)	
Lithuania	54 (2.5)	
Slovak Republic	53 (2.0)	
Germany	53 (1.9)	
Slovenia	52 (2.5)	
Canada	51 (1.9)	
Sweden	51 (2.8)	
Finland	51 (2.2)	
Italy	50 (2.0)	
International Avg.	50 (0.3)	
France	50 (2.3)	
New Zealand	50 (2.1)	
Serbia	50 (2.0)	
Croatia	49 (2.6)	
United States	48 (1.3)	
Australia	47 (2.8)	
Oman	44 (1.4)	▼
Bulgaria	42 (2.6)	▼
Cyprus	42 (2.1)	▼
Georgia	42 (2.2)	▼
Spain	39 (1.8)	▼
Turkey	36 (1.7)	▼
Morocco	34 (2.5)	▼
Bahrain	33 (1.9)	▼
Qatar	33 (2.7)	▼
United Arab Emirates	33 (1.0)	▼
Saudi Arabia	28 (2.1)	▼
Chile	28 (2.1)	▼
Iran, Islamic Rep. of	26 (2.7)	▼
Kuwait	25 (2.6)	▼
Indonesia	25 (2.0)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	56 (3.8)	
Norway (4)	52 (2.7)	
Ontario, Canada	52 (2.1)	
Florida, US	52 (3.6)	
Dubai, UAE	46 (2.0)	
Abu Dhabi, UAE	25 (1.9)	▼
Buenos Aires, Argentina	22 (2.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M03\_07 (M051407): Shape made of triangle & rectangle**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Hong Kong SAR	95 (1.4)	▲
Korea, Rep. of	82 (1.6)	▲
Kazakhstan	78 (2.0)	▲
Japan	75 (2.0)	▲
Poland	73 (1.9)	▲
Singapore	72 (1.8)	▲
Czech Republic	72 (2.1)	▲
Norway (5)	72 (2.2)	▲
Russian Federation	70 (1.9)	▲
Chinese Taipei	69 (2.0)	▲
Denmark	69 (2.1)	▲
Northern Ireland	68 (2.4)	▲
Australia	67 (2.0)	▲
United States	66 (1.3)	▲
Italy	66 (2.2)	▲
Belgium (Flemish)	65 (2.0)	▲
Canada	65 (1.4)	▲
Bulgaria	65 (2.5)	▲
England	64 (2.3)	▲
Sweden	63 (2.3)	
Ireland	62 (2.6)	
Turkey	61 (2.0)	
Slovak Republic	61 (2.1)	
Cyprus	61 (2.3)	
Portugal	60 (2.1)	
<b>International Avg.</b>	<b>59 (0.3)</b>	
Georgia	59 (2.3)	
Oman	57 (1.8)	
Finland	57 (2.4)	
New Zealand	56 (2.4)	
Croatia	56 (2.7)	
Netherlands	55 (2.6)	
Germany	54 (2.1)	▼
Serbia	54 (2.9)	
Hungary	53 (2.0)	▼
Slovenia	52 (2.3)	▼
France	51 (2.5)	▼
Spain	50 (1.9)	▼
Chile	49 (2.3)	▼
Lithuania	49 (2.3)	▼
United Arab Emirates	46 (1.4)	▼
Iran, Islamic Rep. of	44 (2.4)	▼
Bahrain	40 (2.1)	▼
Qatar	37 (2.1)	▼
Indonesia	36 (2.5)	▼
Saudi Arabia	35 (2.3)	▼
Morocco	34 (2.8)	▼
Kuwait	31 (2.6)	▼
<b>Benchmarking Participants</b>		
Florida, US	71 (3.3)	▲
Quebec, Canada	68 (3.3)	▲
Ontario, Canada	68 (1.9)	▲
Dubai, UAE	58 (1.5)	
Norway (4)	56 (3.1)	
Abu Dhabi, UAE	40 (2.4)	▼
Buenos Aires, Argentina	35 (3.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M03\_08 (M051410): Statements about the triangles**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Korea, Rep. of	83 (1.7)	▲
Japan	73 (1.9)	▲
Singapore	72 (1.8)	▲
Hong Kong SAR	71 (2.6)	▲
Chinese Taipei	66 (2.5)	▲
Bulgaria	66 (2.6)	▲
Russian Federation	65 (2.0)	▲
Croatia	62 (2.5)	▲
Norway (5)	61 (2.5)	▲
Kazakhstan	60 (2.3)	▲
Denmark	59 (2.4)	▲
Northern Ireland	58 (2.8)	▲
United States	57 (1.8)	▲
Ireland	57 (2.8)	▲
Italy	55 (2.4)	▲
Lithuania	55 (2.5)	▲
Turkey	55 (1.8)	▲
Cyprus	55 (2.3)	▲
Finland	54 (2.0)	▲
Poland	52 (2.3)	
Hungary	52 (2.1)	
England	51 (2.3)	
Belgium (Flemish)	51 (2.2)	
France	50 (2.7)	
Portugal	50 (2.5)	
Iran, Islamic Rep. of	49 (3.0)	
International Avg.	48 (0.3)	
Spain	45 (2.2)	
Australia	44 (2.1)	
Morocco	44 (2.8)	
Czech Republic	41 (2.2)	▼
Germany	41 (2.2)	▼
Slovenia	41 (2.5)	▼
Canada	40 (1.8)	▼
Serbia	40 (2.2)	▼
Sweden	38 (3.2)	▼
Oman	35 (1.6)	▼
Bahrain	35 (2.1)	▼
Saudi Arabia	33 (2.3)	▼
Chile	32 (2.0)	▼
United Arab Emirates	31 (1.1)	▼
Georgia	29 (2.5)	▼
Slovak Republic	28 (2.2)	▼
Qatar	27 (2.1)	▼
Indonesia	26 (2.1)	▼
New Zealand	22 (1.7)	▼
Netherlands	21 (1.4)	▼
Kuwait	18 (1.8)	▼
<b>Benchmarking Participants</b>		
Florida, US	61 (3.2)	▲
Quebec, Canada	54 (3.8)	
Ontario, Canada	45 (3.0)	
Dubai, UAE	43 (1.6)	▼
Norway (4)	34 (2.6)	▼
Abu Dhabi, UAE	26 (1.9)	▼
Buenos Aires, Argentina	19 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M03\_09 (M051059): Reflection of the given shape**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	97 (0.8)	▲
Hong Kong SAR	94 (1.2)	▲
Norway (5)	94 (1.2)	▲
Slovenia	94 (1.2)	▲
Singapore	94 (0.9)	▲
Japan	93 (1.1)	▲
Denmark	91 (1.7)	▲
Finland	91 (1.1)	▲
Belgium (Flemish)	91 (1.1)	▲
Lithuania	91 (1.2)	▲
Germany	91 (1.3)	▲
Northern Ireland	90 (1.7)	▲
England	90 (1.2)	▲
Portugal	90 (1.3)	▲
Italy	89 (1.4)	▲
Hungary	89 (1.6)	▲
Poland	88 (1.3)	▲
Ireland	87 (1.9)	▲
Netherlands	86 (1.8)	▲
Cyprus	86 (1.6)	▲
Sweden	86 (1.9)	▲
Kazakhstan	83 (1.9)	▲
Australia	83 (1.4)	▲
Czech Republic	82 (1.9)	▲
New Zealand	81 (1.5)	▲
Canada	81 (1.1)	▲
France	80 (1.9)	
Spain	78 (1.8)	
<b>International Avg.</b>	<b>77 (0.3)</b>	
Chinese Taipei	76 (1.7)	
Russian Federation	76 (2.3)	
Chile	75 (2.4)	
Slovak Republic	74 (2.3)	
United States	73 (1.4)	▼
Bulgaria	65 (2.5)	▼
Morocco	64 (2.6)	▼
Serbia	63 (2.5)	▼
Turkey	63 (1.9)	▼
United Arab Emirates	62 (1.3)	▼
Qatar	62 (2.0)	▼
Bahrain	60 (2.3)	▼
Oman	58 (1.7)	▼
Indonesia	58 (2.9)	▼
Croatia	57 (2.7)	▼
Iran, Islamic Rep. of	51 (3.2)	▼
Georgia	48 (2.3)	▼
Saudi Arabia	36 (2.2)	▼
Kuwait	35 (2.2)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	87 (2.5)	▲
Norway (4)	86 (1.6)	▲
Ontario, Canada	82 (1.6)	▲
Dubai, UAE	77 (1.2)	
Florida, US	74 (2.6)	
Abu Dhabi, UAE	58 (2.8)	▼
Buenos Aires, Argentina	40 (2.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M03\_10 (M051093): Perimeter of the given shape**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Korea, Rep. of	71 (2.0)	▲
Singapore	70 (1.8)	▲
Hong Kong SAR	67 (2.6)	▲
Japan	64 (1.8)	▲
Norway (5)	58 (2.5)	▲
Netherlands	57 (2.3)	▲
Denmark	57 (2.1)	▲
Kazakhstan	55 (2.6)	▲
Northern Ireland	54 (2.8)	▲
Sweden	53 (2.6)	▲
Finland	52 (2.4)	▲
Germany	52 (2.2)	▲
Chinese Taipei	51 (2.1)	▲
Italy	50 (2.6)	▲
Ireland	50 (2.8)	▲
Czech Republic	49 (2.4)	▲
Portugal	48 (2.3)	▲
Hungary	47 (2.3)	
England	46 (2.3)	
Australia	46 (2.2)	
Slovak Republic	46 (2.4)	
Russian Federation	45 (2.9)	
Bulgaria	45 (2.4)	
Poland	45 (2.3)	
International Avg.	44 (0.3)	
United States	43 (1.5)	
Canada	43 (1.3)	
Lithuania	42 (2.4)	
Cyprus	42 (2.2)	
Belgium (Flemish)	41 (2.2)	
New Zealand	41 (2.1)	
Serbia	38 (2.3)	▼
Turkey	38 (1.8)	▼
Slovenia	37 (1.9)	▼
France	36 (2.6)	▼
Georgia	35 (2.3)	▼
Croatia	34 (2.3)	▼
Spain	33 (2.4)	▼
United Arab Emirates	33 (1.1)	▼
Chile	31 (1.9)	▼
Iran, Islamic Rep. of	29 (3.3)	▼
Qatar	28 (2.1)	▼
Oman	27 (1.6)	▼
Saudi Arabia	26 (1.8)	▼
Bahrain	24 (2.4)	▼
Morocco	24 (1.8)	▼
Indonesia	21 (2.0)	▼
Kuwait	21 (2.1)	▼
<b>Benchmarking Participants</b>		
Norway (4)	49 (2.4)	▲
Quebec, Canada	48 (3.1)	
Dubai, UAE	44 (2.2)	
Ontario, Canada	41 (2.3)	
Florida, US	35 (3.2)	▼
Abu Dhabi, UAE	31 (2.1)	▼
Buenos Aires, Argentina	16 (1.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M03\_11 (M051134): Months Peter paid less for phone**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	77 (1.7)	▲
Japan	66 (1.9)	▲
Chinese Taipei	61 (2.1)	▲
Singapore	59 (2.1)	▲
Hong Kong SAR	59 (2.4)	▲
Kazakhstan	59 (2.8)	▲
Russian Federation	58 (2.1)	▲
Czech Republic	57 (2.3)	▲
Northern Ireland	56 (2.5)	▲
Netherlands	53 (2.1)	▲
Norway (5)	53 (2.5)	▲
Finland	51 (2.2)	▲
England	50 (2.0)	▲
Ireland	49 (2.7)	▲
Slovak Republic	49 (2.3)	▲
Slovenia	48 (2.4)	▲
Lithuania	47 (2.4)	▲
Germany	47 (2.2)	▲
Portugal	46 (2.2)	▲
Belgium (Flemish)	46 (1.9)	▲
Serbia	45 (2.3)	▲
Sweden	44 (2.7)	
Hungary	43 (2.0)	
Australia	42 (2.6)	
Italy	42 (2.2)	
United States	41 (1.5)	
Denmark	40 (2.5)	
Croatia	40 (2.2)	
Canada	40 (1.5)	
<b>International Avg.</b>	<b>39 (0.3)</b>	
Spain	37 (2.1)	
Cyprus	36 (2.5)	
New Zealand	36 (1.7)	▼
France	34 (2.3)	▼
Bulgaria	33 (2.3)	▼
Poland	32 (2.0)	▼
Turkey	30 (1.8)	▼
United Arab Emirates	21 (1.0)	▼
Georgia	20 (2.4)	▼
Chile	17 (1.6)	▼
Qatar	14 (1.6)	▼
Bahrain	14 (1.3)	▼
Saudi Arabia	12 (1.7)	▼
Iran, Islamic Rep. of	10 (1.9)	▼
Morocco	9 (1.6)	▼
Oman	7 (0.8)	▼
Kuwait	7 (1.4)	▼
Indonesia	4 (1.0)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	53 (3.5)	▲
Florida, US	38 (3.0)	
Ontario, Canada	38 (2.1)	
Dubai, UAE	34 (1.7)	▼
Norway (4)	34 (2.1)	▼
Buenos Aires, Argentina	20 (2.5)	▼
Abu Dhabi, UAE	16 (1.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M03\_12 (M051077): What students did after school**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Singapore	82 (1.5)	▲
Japan	76 (1.8)	▲
Russian Federation	71 (2.2)	▲
Korea, Rep. of	70 (2.0)	▲
Hong Kong SAR	69 (2.7)	▲
Netherlands	69 (1.9)	▲
Kazakhstan	67 (2.5)	▲
Finland	64 (2.1)	▲
Northern Ireland	63 (2.8)	▲
Chinese Taipei	63 (2.2)	▲
Czech Republic	63 (2.6)	▲
Poland	63 (2.6)	▲
Norway (5)	62 (1.8)	▲
England	62 (2.2)	▲
Ireland	61 (3.0)	▲
Denmark	59 (2.5)	▲
Slovenia	59 (3.5)	▲
Sweden	59 (2.5)	▲
Australia	58 (1.9)	▲
Serbia	56 (2.6)	▲
Lithuania	56 (2.4)	▲
Germany	56 (2.3)	▲
Slovak Republic	54 (2.3)	
Portugal	54 (2.4)	
Belgium (Flemish)	53 (2.0)	
United States	53 (1.6)	
Italy	51 (2.4)	
Canada	51 (1.4)	
<b>International Avg.</b>	<b>50 (0.3)</b>	
Hungary	49 (2.4)	
Croatia	49 (3.1)	
Spain	48 (2.3)	
Cyprus	48 (2.0)	
Bulgaria	47 (2.6)	
New Zealand	45 (2.1)	▼
Chile	39 (2.3)	▼
Georgia	39 (2.7)	▼
Turkey	38 (2.1)	▼
United Arab Emirates	33 (1.3)	▼
France	33 (1.8)	▼
Qatar	25 (1.7)	▼
Bahrain	24 (1.9)	▼
Oman	24 (1.4)	▼
Indonesia	22 (1.9)	▼
Iran, Islamic Rep. of	20 (2.2)	▼
Morocco	18 (1.9)	▼
Kuwait	15 (1.8)	▼
Saudi Arabia	9 (1.2)	▼
<b>Benchmarking Participants</b>		
Ontario, Canada	55 (1.8)	▲
Quebec, Canada	50 (3.0)	
Florida, US	49 (2.7)	
Dubai, UAE	48 (1.7)	
Norway (4)	42 (2.9)	▼
Abu Dhabi, UAE	29 (2.2)	▼
Buenos Aires, Argentina	16 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M04\_01 (M061275):  $3126 + 845 + 72 =$**   
**Multiple Choice (Key is B)**

Country	Percent Correct	
Singapore	94 (0.9)	▲
Chinese Taipei	92 (1.2)	▲
Korea, Rep. of	91 (1.1)	▲
Russian Federation	88 (1.6)	▲
Japan	88 (1.2)	▲
Kazakhstan	88 (1.8)	▲
Hong Kong SAR	87 (2.0)	▲
Lithuania	84 (2.1)	▲
Bulgaria	84 (1.8)	▲
Portugal	83 (2.0)	▲
United States	83 (1.1)	▲
Ireland	83 (1.8)	▲
Croatia	82 (1.8)	▲
Spain	81 (1.6)	▲
Serbia	81 (2.3)	▲
Turkey	79 (1.6)	▲
Italy	79 (2.0)	▲
Northern Ireland	78 (2.5)	▲
Denmark	77 (2.1)	▲
Georgia	76 (2.1)	▲
Hungary	75 (2.1)	▲
Norway (5)	74 (2.6)	
England	73 (2.0)	
<b>International Avg.</b>	<b>71 (0.3)</b>	
Cyprus	70 (1.8)	
Slovenia	69 (2.1)	
Czech Republic	69 (2.3)	
Chile	68 (2.3)	
Slovak Republic	68 (2.1)	
Indonesia	67 (2.6)	
Qatar	66 (1.9)	▼
United Arab Emirates	64 (1.3)	▼
Germany	64 (1.9)	▼
Sweden	63 (2.8)	▼
France	62 (2.8)	▼
Poland	62 (2.5)	▼
Canada	62 (1.9)	▼
Morocco	61 (2.3)	▼
Netherlands	61 (2.4)	▼
Belgium (Flemish)	60 (2.0)	▼
Oman	59 (1.7)	▼
Bahrain	58 (2.5)	▼
Iran, Islamic Rep. of	54 (3.0)	▼
Australia	53 (2.3)	▼
Finland	51 (1.8)	▼
New Zealand	39 (1.9)	▼
Saudi Arabia	36 (2.1)	▼
Kuwait	36 (2.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	88 (2.3)	▲
Quebec, Canada	76 (2.7)	▲
Dubai, UAE	76 (1.7)	▲
Buenos Aires, Argentina	68 (2.6)	
Ontario, Canada	61 (2.5)	▼
Abu Dhabi, UAE	59 (2.1)	▼
Norway (4)	51 (3.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M04\_02 (M061027): Sara's 4-digit password**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Singapore	89 (1.1)	▲
Japan	84 (2.0)	▲
Hong Kong SAR	84 (2.1)	▲
Portugal	81 (1.7)	▲
Norway (5)	80 (1.8)	▲
Chinese Taipei	78 (2.0)	▲
Northern Ireland	77 (2.4)	▲
Germany	77 (2.1)	▲
Cyprus	77 (1.9)	▲
Slovak Republic	77 (1.7)	▲
Sweden	76 (2.0)	▲
Finland	76 (1.8)	▲
Italy	76 (2.1)	▲
Belgium (Flemish)	74 (2.1)	▲
United States	74 (1.3)	▲
Hungary	73 (2.3)	▲
England	73 (2.0)	▲
Russian Federation	73 (1.8)	▲
France	72 (2.5)	▲
Croatia	71 (2.6)	▲
Bulgaria	70 (2.6)	▲
Slovenia	69 (2.3)	▲
Australia	69 (1.8)	▲
Ireland	69 (2.7)	▲
Czech Republic	68 (2.0)	▲
Serbia	68 (2.6)	
Netherlands	68 (2.4)	
Korea, Rep. of	67 (1.9)	
Canada	65 (1.3)	
Denmark	64 (2.6)	
<b>International Avg.</b>	<b>63 (0.3)</b>	
Lithuania	60 (2.6)	
Turkey	58 (1.8)	▼
Spain	57 (2.2)	▼
Kazakhstan	56 (2.9)	▼
New Zealand	53 (2.2)	▼
Poland	52 (2.2)	▼
Georgia	52 (2.3)	▼
Chile	51 (2.0)	▼
Bahrain	51 (2.4)	▼
United Arab Emirates	50 (1.4)	▼
Oman	48 (1.6)	▼
Qatar	43 (1.9)	▼
Iran, Islamic Rep. of	36 (3.3)	▼
Morocco	30 (2.6)	▼
Saudi Arabia	30 (2.1)	▼
Kuwait	20 (2.2)	▼
Indonesia	17 (1.8)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	84 (2.1)	▲
Florida, US	76 (2.1)	▲
Norway (4)	68 (2.5)	
Dubai, UAE	66 (1.9)	
Ontario, Canada	62 (2.1)	
Abu Dhabi, UAE	42 (2.4)	▼
Buenos Aires, Argentina	38 (3.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M04\_03 (M061255): Game in Zedland buying bicycles and scooters**  
**Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Korea, Rep. of	59 (2.0) ▲	74 (1.7) ▲
Singapore	58 (2.1) ▲	77 (1.7) ▲
Hong Kong SAR	51 (2.8) ▲	73 (1.9) ▲
Japan	50 (2.6) ▲	69 (2.1) ▲
Russian Federation	40 (2.6) ▲	56 (2.4) ▲
Northern Ireland	38 (2.4) ▲	58 (2.5) ▲
Denmark	37 (2.2) ▲	59 (2.5) ▲
Norway (5)	37 (2.2) ▲	61 (1.8) ▲
England	35 (2.2) ▲	57 (2.2) ▲
Chinese Taipei	35 (2.1) ▲	54 (2.2) ▲
Sweden	34 (2.4) ▲	58 (2.5) ▲
Germany	34 (2.4) ▲	57 (2.4) ▲
Ireland	34 (2.2) ▲	58 (2.3) ▲
Netherlands	34 (2.4) ▲	59 (2.3) ▲
Poland	33 (2.2) ▲	53 (2.5) ▲
Bulgaria	32 (2.6) ▲	52 (2.8) ▲
Czech Republic	32 (2.7)	57 (2.5) ▲
Finland	31 (2.8)	52 (2.9) ▲
Slovak Republic	31 (2.0) ▲	54 (2.5) ▲
Cyprus	31 (2.2)	51 (2.2) ▲
Portugal	30 (2.0)	50 (2.2) ▲
Hungary	30 (1.7)	47 (2.1)
United States	29 (1.6)	49 (1.7) ▲
Lithuania	28 (2.4)	46 (2.4)
Kazakhstan	28 (2.1)	52 (2.6) ▲
Belgium (Flemish)	27 (2.2)	49 (2.4)
International Avg.	26 (0.3)	45 (0.3)
Canada	26 (1.3)	47 (1.5)
Slovenia	26 (1.9)	45 (2.4)
Italy	26 (1.8)	46 (2.4)
Croatia	24 (2.1)	45 (2.5)
Australia	24 (1.9)	47 (2.4)
Serbia	23 (2.1)	41 (2.7)
France	19 (1.9) ▼	40 (2.4) ▼
New Zealand	18 (1.4) ▼	39 (1.8) ▼
Spain	17 (1.4) ▼	37 (2.0) ▼
Georgia	16 (1.7) ▼	28 (2.1) ▼
Turkey	15 (1.4) ▼	29 (2.1) ▼
United Arab Emirates	14 (0.9) ▼	26 (1.2) ▼
Chile	13 (1.3) ▼	28 (1.6) ▼
Bahrain	11 (1.8) ▼	22 (2.3) ▼
Qatar	9 (1.3) ▼	22 (1.6) ▼
Saudi Arabia	7 (1.3) ▼	14 (2.0) ▼
Iran, Islamic Rep. of	7 (1.0) ▼	17 (1.7) ▼
Oman	7 (1.0) ▼	14 (1.2) ▼
Morocco	3 (1.0) ▼	10 (2.2) ▼
Indonesia	2 (0.6) ▼	8 (1.0) ▼
Kuwait	2 (0.6) ▼	6 (1.1) ▼
<b>Benchmarking Participants</b>		
Florida, US	32 (3.6)	51 (3.4)
Quebec, Canada	31 (3.1)	55 (3.6) ▲
Ontario, Canada	28 (2.1)	49 (2.2)
Dubai, UAE	23 (1.5) ▼	39 (1.9) ▼
Norway (4)	19 (1.5) ▼	38 (2.4) ▼
Buenos Aires, Argentina	15 (2.2) ▼	29 (2.7) ▼
Abu Dhabi, UAE	9 (1.5) ▼	19 (1.9) ▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M04\_04 (M061021): Fill in box to make multiple of 8**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	78 (2.9)	▲
Singapore	76 (1.7)	▲
Russian Federation	72 (2.0)	▲
Bulgaria	61 (3.0)	▲
Northern Ireland	57 (2.9)	▲
England	54 (2.1)	▲
Cyprus	49 (2.3)	▲
Norway (5)	48 (2.4)	▲
Kazakhstan	48 (2.9)	▲
Czech Republic	48 (2.5)	▲
Korea, Rep. of	47 (2.2)	▲
Slovak Republic	46 (2.3)	▲
Chinese Taipei	45 (2.3)	▲
Denmark	42 (2.4)	▲
Ireland	42 (3.1)	▲
Sweden	39 (2.6)	▲
Portugal	39 (2.5)	▲
Serbia	37 (2.3)	
United States	37 (1.3)	▲
Germany	36 (2.1)	
<b>International Avg.</b>	<b>34 (0.3)</b>	
Japan	34 (2.1)	
Italy	32 (2.1)	
Hungary	31 (2.0)	
Australia	31 (2.1)	
Croatia	31 (1.9)	
Slovenia	31 (2.1)	
Belgium (Flemish)	29 (2.1)	▼
France	29 (2.1)	▼
Poland	28 (2.2)	▼
Saudi Arabia	28 (2.1)	▼
United Arab Emirates	26 (1.1)	▼
Qatar	23 (2.0)	▼
Canada	23 (1.1)	▼
Bahrain	23 (2.4)	▼
Georgia	22 (2.4)	▼
New Zealand	21 (1.5)	▼
Lithuania	20 (2.0)	▼
Turkey	19 (1.6)	▼
Morocco	18 (2.1)	▼
Spain	17 (1.7)	▼
Oman	14 (1.2)	▼
Netherlands	13 (1.7)	▼
Kuwait	12 (1.5)	▼
Iran, Islamic Rep. of	9 (1.8)	▼
Finland	9 (1.0)	▼
Chile	8 (1.1)	▼
Indonesia	4 (1.3)	▼
<b>Benchmarking Participants</b>		
Florida, US	43 (2.5)	▲
Dubai, UAE	41 (1.4)	▲
Norway (4)	32 (2.6)	
Ontario, Canada	26 (1.6)	▼
Quebec, Canada	24 (2.8)	▼
Abu Dhabi, UAE	19 (2.1)	▼
Buenos Aires, Argentina	14 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M04\_05 (M061043): Difference between Ana and Rui's diving scores**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Chinese Taipei	88 (1.6)	▲
Korea, Rep. of	87 (1.5)	▲
Singapore	87 (1.3)	▲
Japan	77 (1.7)	▲
Hong Kong SAR	73 (1.9)	▲
Kazakhstan	68 (2.4)	▲
Northern Ireland	61 (2.6)	▲
Lithuania	60 (2.4)	▲
Russian Federation	60 (2.5)	▲
Ireland	55 (2.6)	▲
Portugal	51 (2.4)	▲
Netherlands	51 (2.2)	▲
Belgium (Flemish)	51 (2.5)	▲
United States	47 (1.7)	▲
England	47 (2.3)	▲
Turkey	45 (2.0)	▲
Norway (5)	45 (2.1)	▲
Bulgaria	45 (2.7)	
Serbia	44 (2.1)	▲
Germany	44 (2.2)	
Hungary	42 (2.4)	
Spain	42 (2.4)	
Denmark	40 (2.9)	
<b>International Avg.</b>	<b>40 (0.3)</b>	
Finland	39 (2.3)	
Italy	38 (2.4)	
Poland	37 (2.1)	
Croatia	35 (2.3)	▼
Georgia	34 (2.4)	▼
Cyprus	34 (2.2)	▼
Slovak Republic	34 (2.1)	▼
Canada	32 (1.6)	▼
Sweden	30 (2.4)	▼
Czech Republic	29 (2.2)	▼
Slovenia	26 (1.9)	▼
Australia	25 (2.1)	▼
United Arab Emirates	24 (1.1)	▼
Qatar	21 (1.8)	▼
Chile	20 (1.7)	▼
Bahrain	19 (1.7)	▼
Iran, Islamic Rep. of	18 (1.9)	▼
France	18 (1.9)	▼
New Zealand	17 (1.3)	▼
Oman	16 (1.4)	▼
Morocco	11 (1.7)	▼
Indonesia	11 (1.9)	▼
Saudi Arabia	7 (1.4)	▼
Kuwait	6 (1.2)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	56 (3.3)	▲
Florida, US	43 (2.1)	
Dubai, UAE	39 (1.9)	
Ontario, Canada	28 (2.3)	▼
Abu Dhabi, UAE	16 (2.0)	▼
Buenos Aires, Argentina	15 (1.9)	▼
Norway (4)	14 (1.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M04\_06 (M061151): Expression to represent Pat's pencils**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Korea, Rep. of	89 (1.4)	▲
Hong Kong SAR	88 (1.6)	▲
Japan	84 (1.6)	▲
Singapore	82 (1.6)	▲
Chinese Taipei	82 (1.7)	▲
Russian Federation	80 (1.9)	▲
Kazakhstan	77 (1.8)	▲
Bulgaria	76 (2.1)	▲
Northern Ireland	76 (2.8)	▲
Lithuania	75 (2.1)	▲
Ireland	72 (2.5)	▲
Serbia	71 (2.2)	▲
Poland	69 (2.1)	▲
Cyprus	69 (2.0)	▲
United States	68 (1.3)	▲
Czech Republic	67 (2.4)	▲
Finland	66 (2.3)	▲
Slovenia	66 (2.4)	▲
Belgium (Flemish)	66 (2.2)	▲
Hungary	62 (2.1)	
Croatia	62 (2.5)	
Italy	62 (2.2)	
Norway (5)	61 (2.2)	
Germany	60 (2.0)	
Netherlands	60 (2.1)	
Portugal	60 (2.2)	
<b>International Avg.</b>	<b>60 (0.3)</b>	
Slovak Republic	59 (2.3)	
England	59 (2.4)	
France	59 (2.2)	
Spain	57 (2.2)	
Turkey	57 (1.9)	
Sweden	56 (2.4)	
Australia	53 (2.3)	▼
Canada	52 (1.6)	▼
Georgia	52 (2.7)	▼
New Zealand	50 (2.2)	▼
Denmark	46 (3.0)	▼
United Arab Emirates	43 (1.2)	▼
Bahrain	42 (2.2)	▼
Iran, Islamic Rep. of	40 (3.0)	▼
Qatar	39 (2.3)	▼
Chile	39 (2.1)	▼
Oman	39 (1.6)	▼
Indonesia	32 (2.5)	▼
Saudi Arabia	28 (2.1)	▼
Morocco	28 (2.5)	▼
Kuwait	19 (1.8)	▼
<b>Benchmarking Participants</b>		
Florida, US	79 (1.8)	▲
Quebec, Canada	62 (3.6)	
Dubai, UAE	57 (1.5)	
Ontario, Canada	51 (2.3)	▼
Norway (4)	46 (2.4)	▼
Buenos Aires, Argentina	40 (2.7)	▼
Abu Dhabi, UAE	38 (2.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M04\_07 (M061172): Find value of p in number sentence**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Russian Federation	80 (1.6)	▲
Kazakhstan	79 (1.8)	▲
Singapore	75 (1.9)	▲
Hong Kong SAR	74 (2.2)	▲
Bulgaria	73 (2.5)	▲
Lithuania	59 (2.6)	▲
Korea, Rep. of	57 (1.9)	▲
Serbia	56 (2.6)	▲
Northern Ireland	50 (3.1)	▲
Hungary	47 (2.1)	▲
Chinese Taipei	44 (2.0)	▲
Georgia	44 (2.5)	▲
Sweden	41 (2.3)	▲
Cyprus	39 (2.0)	▲
Slovak Republic	39 (2.2)	
Japan	39 (2.0)	▲
Norway (5)	36 (2.9)	
Denmark	36 (2.3)	
<b>International Avg.</b>	<b>35 (0.3)</b>	
Belgium (Flemish)	34 (2.2)	
Ireland	31 (2.4)	
England	30 (2.5)	
Croatia	29 (2.1)	▼
Finland	29 (2.3)	▼
United States	29 (1.5)	▼
Turkey	28 (1.8)	▼
Czech Republic	28 (2.0)	▼
Oman	27 (2.0)	▼
Netherlands	26 (2.0)	▼
Poland	26 (1.9)	▼
Slovenia	24 (2.2)	▼
Germany	24 (2.2)	▼
Australia	23 (1.8)	▼
Portugal	23 (1.9)	▼
United Arab Emirates	23 (1.1)	▼
Canada	22 (1.5)	▼
Italy	20 (2.0)	▼
France	20 (2.1)	▼
Saudi Arabia	19 (1.8)	▼
Spain	18 (1.8)	▼
Qatar	18 (1.3)	▼
Chile	17 (1.4)	▼
Bahrain	17 (2.0)	▼
Morocco	16 (2.0)	▼
Indonesia	15 (1.7)	▼
Iran, Islamic Rep. of	15 (2.2)	▼
New Zealand	15 (1.2)	▼
Kuwait	15 (1.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	40 (2.5)	▲
Quebec, Canada	31 (3.7)	
Dubai, UAE	30 (1.7)	▼
Norway (4)	27 (2.3)	▼
Ontario, Canada	21 (1.8)	▼
Abu Dhabi, UAE	21 (1.6)	▼
Buenos Aires, Argentina	18 (2.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M04\_08 (M061223): Joan and Cliff meet halfway on number line**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Korea, Rep. of	93 (1.3)	▲
Japan	88 (1.2)	▲
Chinese Taipei	85 (1.7)	▲
Norway (5)	84 (1.7)	▲
Singapore	84 (1.3)	▲
Hong Kong SAR	82 (2.2)	▲
Northern Ireland	79 (1.8)	▲
Sweden	79 (1.6)	▲
Ireland	79 (2.3)	▲
Denmark	78 (2.1)	▲
Hungary	77 (1.8)	▲
Croatia	77 (2.2)	▲
Czech Republic	76 (2.1)	▲
Finland	75 (2.1)	▲
Russian Federation	75 (1.9)	▲
Germany	75 (1.9)	▲
England	75 (2.1)	▲
Kazakhstan	74 (2.2)	▲
Poland	73 (1.9)	▲
Italy	72 (2.1)	▲
Belgium (Flemish)	72 (1.7)	▲
United States	72 (1.4)	▲
Lithuania	72 (2.1)	▲
Netherlands	71 (2.3)	
Australia	71 (2.0)	
Slovak Republic	70 (1.8)	
Canada	69 (1.4)	
New Zealand	68 (1.7)	
Bulgaria	68 (2.4)	
<b>International Avg.</b>	<b>68 (0.3)</b>	
Spain	65 (2.1)	
Portugal	65 (1.7)	
Serbia	64 (2.0)	
Slovenia	63 (2.3)	
Georgia	63 (2.2)	▼
Bahrain	58 (2.1)	▼
Cyprus	57 (2.1)	▼
France	56 (2.7)	▼
Turkey	55 (2.1)	▼
United Arab Emirates	54 (1.3)	▼
Indonesia	52 (2.8)	▼
Qatar	51 (2.2)	▼
Oman	51 (1.6)	▼
Chile	45 (2.3)	▼
Iran, Islamic Rep. of	42 (2.8)	▼
Saudi Arabia	42 (2.1)	▼
Morocco	40 (2.5)	▼
Kuwait	35 (2.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	73 (1.8)	▲
Ontario, Canada	72 (1.8)	▲
Quebec, Canada	70 (3.4)	
Dubai, UAE	66 (1.6)	
Norway (4)	64 (2.9)	
Abu Dhabi, UAE	49 (2.5)	▼
Buenos Aires, Argentina	45 (3.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M04\_09 (M061269): Identify solid with top and bottom shown above**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Korea, Rep. of	91 (1.2)	▲
Hong Kong SAR	90 (1.6)	▲
Singapore	90 (1.1)	▲
Japan	85 (1.4)	▲
Russian Federation	82 (2.2)	▲
Chinese Taipei	80 (1.7)	▲
Kazakhstan	79 (2.5)	▲
Northern Ireland	77 (2.4)	▲
Slovak Republic	77 (1.8)	▲
Netherlands	76 (2.1)	▲
United States	76 (1.3)	▲
Australia	75 (1.9)	▲
Norway (5)	74 (1.8)	▲
Denmark	73 (2.2)	▲
Sweden	72 (2.0)	▲
Finland	71 (2.3)	▲
Hungary	71 (2.4)	▲
Poland	71 (2.0)	▲
England	70 (2.1)	▲
Belgium (Flemish)	70 (1.8)	▲
Ireland	69 (2.1)	▲
Bulgaria	69 (2.9)	▲
Canada	68 (1.5)	▲
Croatia	68 (2.5)	▲
Cyprus	67 (2.0)	
Lithuania	67 (2.2)	
Turkey	65 (1.8)	
Czech Republic	65 (2.2)	
Slovenia	64 (2.2)	
<b>International Avg.</b>	<b>64 (0.3)</b>	
Serbia	64 (2.5)	
Chile	63 (2.2)	
Germany	63 (1.9)	
New Zealand	61 (1.8)	
Georgia	58 (2.7)	▼
Italy	56 (2.4)	▼
Oman	55 (1.7)	▼
United Arab Emirates	53 (1.3)	▼
France	50 (2.9)	▼
Qatar	47 (2.0)	▼
Bahrain	47 (2.4)	▼
Spain	46 (2.3)	▼
Portugal	43 (2.2)	▼
Indonesia	41 (2.0)	▼
Saudi Arabia	36 (2.2)	▼
Iran, Islamic Rep. of	32 (2.8)	▼
Morocco	29 (2.4)	▼
Kuwait	23 (1.7)	▼
<b>Benchmarking Participants</b>		
Florida, US	77 (2.1)	▲
Quebec, Canada	72 (3.0)	▲
Ontario, Canada	70 (2.0)	▲
Dubai, UAE	69 (1.8)	▲
Norway (4)	59 (2.8)	
Abu Dhabi, UAE	47 (2.5)	▼
Buenos Aires, Argentina	42 (3.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M04\_10A (M061081A): Draw a line parallel to AB through C**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Singapore	79 (1.7)	▲
Japan	75 (2.0)	▲
Korea, Rep. of	69 (2.2)	▲
Chinese Taipei	64 (2.4)	▲
Belgium (Flemish)	64 (2.2)	▲
Hong Kong SAR	59 (3.2)	▲
Croatia	50 (2.7)	▲
Czech Republic	47 (2.5)	▲
Portugal	43 (2.1)	▲
Poland	43 (2.4)	▲
Kazakhstan	42 (2.9)	▲
Russian Federation	39 (3.3)	▲
Slovenia	38 (2.7)	▲
Cyprus	37 (2.5)	▲
Norway (5)	36 (2.2)	▲
Serbia	35 (2.5)	▲
Denmark	34 (2.3)	▲
<b>International Avg.</b>	<b>30 (0.3)</b>	
Bulgaria	30 (2.6)	
France	29 (2.1)	
Northern Ireland	29 (2.7)	
Hungary	28 (2.3)	
Italy	27 (2.3)	
Ireland	27 (1.9)	
United States	26 (1.4)	▼
Germany	24 (2.0)	▼
Spain	23 (2.0)	▼
Canada	22 (1.7)	▼
Oman	22 (1.5)	▼
Australia	21 (1.6)	▼
Turkey	21 (1.7)	▼
Finland	21 (1.8)	▼
Slovak Republic	20 (2.0)	▼
England	19 (2.0)	▼
United Arab Emirates	18 (1.3)	▼
Sweden	18 (2.1)	▼
Saudi Arabia	16 (1.9)	▼
Qatar	15 (1.7)	▼
Bahrain	15 (1.8)	▼
Lithuania	14 (2.4)	▼
Georgia	14 (2.2)	▼
Morocco	12 (1.8)	▼
New Zealand	11 (1.2)	▼
Indonesia	9 (1.6)	▼
Iran, Islamic Rep. of	7 (1.4)	▼
Chile	7 (1.0)	▼
Kuwait	5 (0.9)	▼
Netherlands	5 (1.0)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	43 (4.2)	▲
Dubai, UAE	27 (1.8)	
Florida, US	22 (2.7)	▼
Ontario, Canada	18 (2.2)	▼
Norway (4)	18 (1.9)	▼
Buenos Aires, Argentina	15 (2.0)	▼
Abu Dhabi, UAE	12 (1.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M04\_10B (M061081B): Draw a line perpendicular to AB through D**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Singapore	76 (1.6)	▲
Chinese Taipei	71 (2.2)	▲
Korea, Rep. of	70 (2.0)	▲
Japan	67 (2.3)	▲
Belgium (Flemish)	55 (2.1)	▲
Hong Kong SAR	55 (3.6)	▲
Croatia	40 (3.0)	▲
Czech Republic	38 (2.5)	▲
Poland	37 (2.5)	▲
Kazakhstan	37 (2.7)	▲
Portugal	33 (1.9)	▲
Slovenia	30 (2.6)	
France	30 (2.4)	
United Arab Emirates	29 (1.3)	▲
Russian Federation	29 (2.6)	
<b>International Avg.</b>	<b>26 (0.3)</b>	
Bulgaria	25 (2.5)	
Serbia	25 (1.8)	
Italy	22 (2.0)	
Denmark	22 (2.0)	▼
Turkey	22 (1.8)	▼
Oman	21 (1.5)	▼
Slovak Republic	21 (2.0)	▼
Northern Ireland	20 (2.5)	▼
Canada	19 (1.5)	▼
Germany	19 (1.8)	▼
Hungary	18 (1.5)	▼
United States	18 (1.1)	▼
Spain	18 (1.6)	▼
Finland	17 (1.7)	▼
Chile	17 (1.6)	▼
Qatar	16 (1.3)	▼
Netherlands	16 (2.0)	▼
Saudi Arabia	15 (1.6)	▼
Ireland	14 (2.1)	▼
Cyprus	14 (1.5)	▼
New Zealand	14 (1.4)	▼
Bahrain	12 (1.5)	▼
Norway (5)	12 (1.5)	▼
Sweden	12 (1.7)	▼
Georgia	12 (2.3)	▼
Australia	12 (1.3)	▼
Iran, Islamic Rep. of	12 (2.0)	▼
Indonesia	11 (1.9)	▼
Lithuania	10 (2.0)	▼
Morocco	10 (1.8)	▼
Kuwait	8 (1.5)	▼
England	8 (1.2)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	31 (3.2)	
Dubai, UAE	29 (1.3)	▲
Abu Dhabi, UAE	27 (2.3)	
Florida, US	16 (2.0)	▼
Ontario, Canada	15 (1.6)	▼
Buenos Aires, Argentina	12 (1.6)	▼
Norway (4)	8 (1.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average
- ▼ Percent significantly lower than international average
- () Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M05\_01 (M041291): Subtract 428 - 176**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Chinese Taipei	94 (1.1)	▲
Singapore	93 (0.8)	▲
Korea, Rep. of	93 (1.3)	▲
Hong Kong SAR	91 (1.5)	▲
Japan	90 (1.1)	▲
Russian Federation	88 (1.6)	▲
Kazakhstan	86 (1.7)	▲
Ireland	85 (1.9)	▲
Bulgaria	84 (1.7)	▲
Serbia	83 (2.5)	▲
Spain	81 (1.7)	▲
United States	80 (1.2)	▲
Lithuania	80 (2.2)	▲
Croatia	80 (2.1)	▲
Italy	79 (1.7)	▲
Portugal	78 (1.7)	▲
Hungary	78 (1.9)	▲
Georgia	76 (2.2)	▲
Turkey	76 (1.7)	▲
Northern Ireland	76 (2.4)	▲
Cyprus	74 (2.1)	▲
Slovenia	72 (2.2)	▲
England	70 (2.1)	
Slovak Republic	69 (1.7)	
Czech Republic	69 (2.2)	
<b>International Avg.</b>	<b>67 (0.3)</b>	
Denmark	66 (2.5)	
Norway (5)	65 (2.5)	
Canada	64 (2.2)	
Germany	62 (2.3)	▼
Poland	62 (2.1)	▼
Qatar	60 (1.9)	▼
Netherlands	60 (2.5)	▼
Belgium (Flemish)	60 (2.3)	▼
Sweden	56 (2.7)	▼
United Arab Emirates	55 (1.5)	▼
Bahrain	54 (1.9)	▼
France	53 (2.4)	▼
Finland	53 (2.1)	▼
Oman	50 (1.9)	▼
Chile	50 (2.2)	▼
Australia	49 (3.0)	▼
Indonesia	47 (2.9)	▼
Morocco	46 (2.7)	▼
Iran, Islamic Rep. of	44 (2.7)	▼
New Zealand	32 (1.8)	▼
Kuwait	30 (2.7)	▼
Saudi Arabia	29 (2.3)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	83 (2.8)	▲
Florida, US	81 (2.1)	▲
Dubai, UAE	70 (1.6)	
Buenos Aires, Argentina	61 (2.7)	▼
Ontario, Canada	53 (4.0)	▼
Norway (4)	45 (2.7)	▼
Abu Dhabi, UAE	41 (3.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M05\_02 (M041289): Number closest in size to 300**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Korea, Rep. of	91 (1.3)	▲
Hong Kong SAR	90 (1.5)	▲
Netherlands	90 (1.9)	▲
Norway (5)	86 (1.7)	▲
Denmark	86 (1.9)	▲
Japan	85 (1.8)	▲
Belgium (Flemish)	85 (1.5)	▲
Ireland	83 (2.1)	▲
Sweden	83 (1.8)	▲
England	81 (1.6)	▲
Northern Ireland	81 (2.1)	▲
Finland	78 (1.9)	▲
Australia	78 (2.0)	▲
Chinese Taipei	77 (2.0)	▲
Germany	76 (2.0)	▲
Canada	76 (1.5)	▲
New Zealand	71 (1.8)	▲
Singapore	68 (2.0)	▲
Czech Republic	66 (2.3)	▲
Slovenia	65 (2.4)	
United States	64 (1.3)	▲
Hungary	64 (2.3)	
<b>International Avg.</b>	<b>61 (0.3)</b>	
France	59 (2.5)	
Georgia	59 (2.6)	
Spain	58 (2.4)	
Turkey	57 (1.8)	▼
Portugal	54 (2.2)	▼
Bulgaria	54 (2.2)	▼
Poland	52 (2.2)	▼
Serbia	51 (2.8)	▼
Slovak Republic	51 (2.2)	▼
Lithuania	50 (2.5)	▼
Cyprus	49 (2.0)	▼
Croatia	48 (2.7)	▼
Bahrain	46 (2.1)	▼
United Arab Emirates	45 (1.1)	▼
Russian Federation	43 (2.1)	▼
Qatar	43 (2.2)	▼
Chile	42 (2.1)	▼
Oman	42 (1.4)	▼
Kuwait	40 (2.8)	▼
Iran, Islamic Rep. of	39 (2.7)	▼
Italy	38 (2.2)	▼
Saudi Arabia	37 (2.3)	▼
Kazakhstan	36 (2.7)	▼
Morocco	30 (2.1)	▼
Indonesia	22 (2.1)	▼
<b>Benchmarking Participants</b>		
Norway (4)	82 (1.9)	▲
Ontario, Canada	80 (1.9)	▲
Quebec, Canada	73 (3.7)	▲
Florida, US	65 (3.1)	
Dubai, UAE	52 (1.8)	▼
Buenos Aires, Argentina	49 (2.8)	▼
Abu Dhabi, UAE	43 (2.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M05\_03 (M041068): Which is the smallest number**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Chinese Taipei	87 (1.7)	▲
Japan	84 (1.7)	▲
Korea, Rep. of	83 (1.6)	▲
Singapore	80 (1.6)	▲
Hong Kong SAR	78 (2.2)	▲
Belgium (Flemish)	68 (2.4)	▲
Norway (5)	65 (2.6)	▲
Northern Ireland	64 (2.9)	▲
Ireland	63 (2.8)	▲
Finland	59 (2.9)	▲
Italy	59 (2.1)	▲
Germany	56 (2.2)	▲
Denmark	55 (2.5)	▲
England	54 (2.6)	▲
Portugal	52 (2.5)	▲
Netherlands	51 (2.3)	▲
Spain	48 (2.5)	▲
United States	45 (1.5)	▲
Australia	43 (2.6)	
Lithuania	42 (2.5)	
Sweden	42 (2.3)	
<b>International Avg.</b>	<b>40 (0.3)</b>	
Russian Federation	37 (2.8)	
France	35 (2.3)	▼
Bulgaria	34 (2.6)	▼
Kazakhstan	32 (3.0)	▼
Canada	32 (1.6)	▼
New Zealand	31 (1.7)	▼
Slovak Republic	31 (1.9)	▼
Poland	30 (2.2)	▼
Serbia	28 (2.1)	▼
Hungary	27 (2.0)	▼
Slovenia	26 (2.0)	▼
United Arab Emirates	26 (1.0)	▼
Czech Republic	25 (2.0)	▼
Cyprus	25 (2.0)	▼
Qatar	22 (1.9)	▼
Turkey	20 (1.9)	▼
Morocco	19 (1.9)	▼
Croatia	19 (1.7)	▼
Bahrain	18 (1.7)	▼
Oman	17 (1.5)	▼
Chile	17 (1.6)	▼
Georgia	13 (2.1)	▼
Saudi Arabia	12 (1.7)	▼
Kuwait	9 (1.4)	▼
Indonesia	8 (1.2)	▼
Iran, Islamic Rep. of	4 (1.1)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	51 (4.1)	▲
Florida, US	50 (3.7)	▲
Dubai, UAE	38 (1.6)	
Ontario, Canada	28 (2.0)	▼
Norway (4)	22 (2.1)	▼
Abu Dhabi, UAE	20 (1.7)	▼
Buenos Aires, Argentina	12 (1.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M05\_04A (M041065A): Circle with 3/8 of the area shaded**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Korea, Rep. of	77 (1.9)	▲
Hong Kong SAR	76 (2.1)	▲
Singapore	73 (1.8)	▲
Japan	70 (2.3)	▲
Chinese Taipei	62 (2.2)	▲
Northern Ireland	60 (2.8)	▲
Finland	59 (2.4)	▲
Ireland	57 (2.8)	▲
Belgium (Flemish)	56 (2.3)	▲
United States	56 (1.5)	▲
Denmark	55 (2.6)	▲
Norway (5)	55 (2.3)	▲
Australia	55 (2.7)	▲
Portugal	53 (2.3)	▲
Poland	53 (2.1)	▲
England	49 (2.0)	▲
Netherlands	49 (2.3)	▲
Russian Federation	48 (2.0)	▲
Cyprus	47 (2.4)	
Czech Republic	47 (2.5)	
Canada	46 (1.8)	
New Zealand	44 (1.9)	
<b>International Avg.</b>	<b>44 (0.3)</b>	
Kazakhstan	44 (2.8)	
Slovenia	43 (2.3)	
Sweden	41 (1.8)	
Chile	41 (1.9)	
Lithuania	40 (2.3)	
Turkey	39 (2.1)	▼
Italy	39 (2.5)	
Serbia	38 (2.4)	▼
Spain	37 (2.1)	▼
United Arab Emirates	35 (1.1)	▼
France	35 (2.2)	▼
Hungary	35 (2.0)	▼
Oman	33 (1.6)	▼
Iran, Islamic Rep. of	32 (2.2)	▼
Qatar	31 (2.3)	▼
Bulgaria	31 (2.6)	▼
Germany	30 (2.2)	▼
Slovak Republic	30 (2.0)	▼
Bahrain	28 (2.3)	▼
Indonesia	27 (2.1)	▼
Saudi Arabia	22 (1.9)	▼
Croatia	21 (1.9)	▼
Georgia	20 (2.6)	▼
Kuwait	18 (1.7)	▼
Morocco	17 (1.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	64 (3.1)	▲
Quebec, Canada	54 (3.4)	▲
Dubai, UAE	47 (2.0)	
Ontario, Canada	44 (2.4)	
Norway (4)	33 (2.5)	▼
Abu Dhabi, UAE	30 (2.1)	▼
Buenos Aires, Argentina	27 (2.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average
- ▼ Percent significantly lower than international average
- ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M05\_04B (M041065B): Give reason for your selection**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	67 (1.9)	▲
Singapore	64 (1.6)	▲
Hong Kong SAR	50 (2.8)	▲
Japan	49 (2.3)	▲
United States	46 (1.4)	▲
Chinese Taipei	43 (2.5)	▲
Poland	41 (2.8)	▲
Denmark	38 (2.4)	▲
Turkey	35 (2.1)	▲
Norway (5)	34 (2.3)	▲
Portugal	34 (2.2)	▲
Russian Federation	33 (2.4)	▲
Belgium (Flemish)	32 (2.2)	▲
Slovenia	32 (2.0)	▲
Czech Republic	30 (2.4)	▲
Kazakhstan	28 (2.3)	
Canada	28 (1.9)	
Cyprus	27 (1.6)	
England	26 (1.8)	
Lithuania	26 (2.1)	
Spain	24 (2.1)	
<b>International Avg.</b>	<b>24 (0.3)</b>	
Northern Ireland	24 (2.4)	
Australia	23 (1.5)	
Chile	23 (1.9)	
Netherlands	22 (2.1)	
Ireland	21 (1.6)	▼
Sweden	21 (2.1)	
New Zealand	21 (1.7)	▼
Serbia	21 (2.3)	
Hungary	19 (1.7)	▼
Oman	18 (1.3)	▼
Bahrain	17 (2.2)	▼
Qatar	15 (1.6)	▼
United Arab Emirates	15 (0.9)	▼
France	15 (1.6)	▼
Finland	13 (1.6)	▼
Slovak Republic	13 (1.7)	▼
Italy	11 (1.4)	▼
Iran, Islamic Rep. of	10 (1.5)	▼
Bulgaria	7 (1.4)	▼
Saudi Arabia	7 (1.1)	▼
Indonesia	6 (1.2)	▼
Georgia	5 (1.2)	▼
Kuwait	4 (1.0)	▼
Morocco	4 (0.8)	▼
Croatia	4 (1.1)	▼
Germany	2 (0.7)	▼
<b>Benchmarking Participants</b>		
Florida, US	54 (3.6)	▲
Quebec, Canada	34 (3.6)	▲
Ontario, Canada	28 (2.5)	
Dubai, UAE	28 (1.6)	
Norway (4)	16 (2.1)	▼
Buenos Aires, Argentina	10 (1.8)	▼
Abu Dhabi, UAE	9 (1.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M05\_05 (M041096): Number to go into the box**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Korea, Rep. of	83 (1.5)	▲
Russian Federation	83 (1.5)	▲
Singapore	82 (1.5)	▲
Chinese Taipei	80 (2.0)	▲
Kazakhstan	78 (2.0)	▲
Bulgaria	78 (2.3)	▲
Hong Kong SAR	76 (2.5)	▲
Japan	68 (2.1)	▲
Serbia	66 (3.0)	▲
Lithuania	62 (2.6)	▲
Georgia	60 (2.8)	▲
Croatia	60 (2.2)	▲
Hungary	60 (2.4)	▲
Poland	55 (2.4)	▲
Slovenia	54 (2.5)	▲
Cyprus	54 (2.1)	▲
Turkey	51 (1.9)	▲
Slovak Republic	47 (1.9)	▲
Northern Ireland	46 (2.5)	
Czech Republic	45 (2.4)	
<b>International Avg.</b>	<b>43 (0.3)</b>	
Italy	43 (2.2)	
United States	39 (1.6)	▼
England	39 (2.3)	
Germany	38 (2.4)	▼
Belgium (Flemish)	37 (2.3)	▼
Spain	35 (2.0)	▼
Ireland	35 (2.1)	▼
Netherlands	34 (2.2)	▼
Finland	34 (2.2)	▼
Norway (5)	33 (2.7)	▼
Portugal	32 (2.2)	▼
Canada	30 (1.5)	▼
United Arab Emirates	29 (1.5)	▼
Sweden	27 (2.3)	▼
Bahrain	27 (2.4)	▼
Qatar	24 (1.9)	▼
Australia	22 (2.0)	▼
Iran, Islamic Rep. of	21 (2.1)	▼
Oman	20 (1.4)	▼
New Zealand	20 (1.6)	▼
Indonesia	20 (1.9)	▼
Denmark	20 (2.0)	▼
Morocco	19 (1.8)	▼
Chile	19 (1.9)	▼
Saudi Arabia	15 (2.0)	▼
France	12 (1.6)	▼
Kuwait	11 (1.6)	▼
<b>Benchmarking Participants</b>		
Florida, US	43 (3.2)	
Dubai, UAE	39 (2.2)	
Quebec, Canada	39 (3.3)	
Ontario, Canada	29 (2.0)	▼
Abu Dhabi, UAE	24 (2.9)	▼
Buenos Aires, Argentina	22 (2.3)	▼
Norway (4)	20 (1.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M05\_06 (M041125): Rule to get numbers in column B**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Hong Kong SAR	73 (2.3)	▲
Singapore	66 (1.8)	▲
Russian Federation	63 (2.1)	▲
Kazakhstan	60 (2.4)	▲
Northern Ireland	60 (2.7)	▲
Korea, Rep. of	57 (2.2)	▲
Chinese Taipei	56 (2.1)	▲
Japan	55 (2.4)	▲
Hungary	55 (1.9)	▲
Bulgaria	54 (2.2)	▲
United States	52 (1.4)	▲
England	50 (1.9)	▲
Cyprus	49 (2.3)	▲
Denmark	49 (2.2)	▲
Georgia	49 (3.1)	▲
Serbia	49 (2.6)	▲
Lithuania	48 (2.9)	▲
Turkey	46 (2.4)	
Portugal	45 (1.9)	▲
Italy	44 (2.6)	
Bahrain	42 (2.1)	
<b>International Avg.</b>	<b>42 (0.3)</b>	
Poland	41 (2.4)	
United Arab Emirates	39 (1.3)	▼
Slovenia	39 (2.2)	
Slovak Republic	38 (2.1)	
Australia	38 (2.2)	
Czech Republic	38 (2.5)	
Canada	38 (1.5)	▼
Norway (5)	37 (2.4)	
Spain	36 (2.1)	▼
Chile	36 (2.0)	▼
Ireland	36 (2.0)	▼
New Zealand	35 (1.8)	▼
Belgium (Flemish)	35 (2.2)	▼
Qatar	34 (1.8)	▼
Oman	33 (1.5)	▼
Croatia	30 (2.3)	▼
Netherlands	30 (2.4)	▼
Germany	28 (2.1)	▼
Finland	28 (1.8)	▼
Iran, Islamic Rep. of	27 (2.4)	▼
Sweden	27 (2.3)	▼
Saudi Arabia	26 (1.8)	▼
France	25 (2.4)	▼
Kuwait	22 (1.8)	▼
Morocco	21 (2.0)	▼
Indonesia	21 (2.0)	▼
<b>Benchmarking Participants</b>		
Florida, US	56 (2.8)	▲
Dubai, UAE	54 (1.6)	▲
Ontario, Canada	40 (2.2)	
Quebec, Canada	39 (2.4)	
Abu Dhabi, UAE	30 (2.0)	▼
Norway (4)	27 (1.9)	▼
Buenos Aires, Argentina	22 (2.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M05\_07 (M041135): A pair of parallel lines**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Hong Kong SAR	99 (0.5)	▲
Korea, Rep. of	97 (0.7)	▲
Singapore	97 (0.7)	▲
Belgium (Flemish)	97 (0.7)	▲
Chinese Taipei	96 (1.0)	▲
Ireland	94 (1.0)	▲
Japan	93 (1.0)	▲
United States	91 (0.9)	▲
Czech Republic	91 (1.2)	▲
Slovenia	91 (1.2)	▲
Portugal	89 (1.3)	▲
Cyprus	88 (1.3)	▲
Northern Ireland	88 (1.9)	▲
Spain	87 (1.5)	▲
Italy	87 (1.7)	▲
Croatia	86 (2.3)	▲
Germany	85 (1.6)	▲
Hungary	85 (1.7)	▲
France	83 (2.2)	▲
Norway (5)	83 (1.9)	▲
Kazakhstan	83 (1.6)	▲
Finland	82 (1.5)	▲
Poland	82 (2.0)	
Denmark	82 (1.9)	
Canada	82 (1.4)	▲
Bahrain	79 (1.5)	
<b>International Avg.</b>	<b>78 (0.3)</b>	
England	78 (2.0)	
Australia	78 (1.8)	
Serbia	77 (2.3)	
Iran, Islamic Rep. of	74 (2.9)	
Qatar	73 (2.0)	▼
Bulgaria	73 (2.7)	▼
Russian Federation	72 (2.6)	▼
United Arab Emirates	72 (1.3)	▼
Oman	70 (1.6)	▼
New Zealand	69 (1.6)	▼
Chile	68 (1.9)	▼
Slovak Republic	66 (1.9)	▼
Lithuania	66 (2.7)	▼
Turkey	65 (2.0)	▼
Sweden	61 (2.2)	▼
Kuwait	60 (2.3)	▼
Indonesia	56 (2.8)	▼
Saudi Arabia	56 (2.8)	▼
Netherlands	54 (2.9)	▼
Georgia	50 (2.6)	▼
Morocco	47 (2.7)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	95 (1.3)	▲
Florida, US	91 (1.9)	▲
Ontario, Canada	85 (1.8)	▲
Dubai, UAE	79 (1.6)	
Norway (4)	71 (2.1)	▼
Abu Dhabi, UAE	64 (2.7)	▼
Buenos Aires, Argentina	62 (3.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M05\_08 (M041257): Statements about a rectangle**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	85 (1.7)	▲
Chinese Taipei	81 (1.8)	▲
Singapore	80 (1.3)	▲
Hong Kong SAR	76 (2.3)	▲
Belgium (Flemish)	70 (2.2)	▲
Northern Ireland	63 (2.8)	▲
France	61 (2.4)	▲
Ireland	60 (2.4)	▲
Denmark	59 (2.2)	▲
Kazakhstan	58 (2.2)	▲
Russian Federation	58 (2.2)	▲
Bulgaria	57 (2.9)	▲
Norway (5)	57 (2.6)	▲
United States	56 (1.6)	▲
Portugal	54 (2.9)	▲
England	54 (2.4)	▲
Croatia	53 (2.7)	▲
Poland	52 (2.2)	▲
Italy	52 (2.1)	▲
Canada	50 (2.2)	▲
Spain	50 (2.5)	▲
Cyprus	49 (2.0)	▲
Slovenia	47 (2.3)	
Turkey	46 (2.2)	
Japan	46 (2.1)	
International Avg.	44 (0.3)	
Finland	42 (1.8)	
Lithuania	41 (2.6)	
Czech Republic	38 (2.5)	▼
Australia	37 (2.5)	▼
Serbia	37 (2.9)	▼
Sweden	34 (2.2)	▼
Hungary	34 (2.4)	▼
Chile	33 (2.0)	▼
United Arab Emirates	29 (1.2)	▼
Bahrain	29 (2.4)	▼
Qatar	28 (2.5)	▼
Oman	26 (1.5)	▼
Georgia	25 (2.4)	▼
New Zealand	24 (1.8)	▼
Iran, Islamic Rep. of	24 (2.5)	▼
Slovak Republic	23 (1.9)	▼
Netherlands	22 (2.4)	▼
Germany	22 (1.9)	▼
Indonesia	20 (2.1)	▼
Saudi Arabia	19 (1.8)	▼
Kuwait	15 (1.6)	▼
Morocco	14 (1.7)	▼
<b>Benchmarking Participants</b>		
Florida, US	63 (3.0)	▲
Quebec, Canada	61 (3.7)	▲
Ontario, Canada	55 (3.4)	▲
Dubai, UAE	41 (1.9)	▼
Norway (4)	31 (2.5)	▼
Buenos Aires, Argentina	28 (2.5)	▼
Abu Dhabi, UAE	24 (2.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M05\_09 (M041268): What is the length of side A**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Korea, Rep. of	70 (2.1)	▲
Singapore	68 (1.8)	▲
Hong Kong SAR	63 (2.3)	▲
Russian Federation	53 (2.2)	▲
Northern Ireland	52 (2.8)	▲
Kazakhstan	49 (2.8)	▲
Chinese Taipei	48 (2.3)	▲
Poland	45 (2.3)	▲
Bulgaria	45 (2.4)	▲
Japan	45 (2.1)	▲
Norway (5)	44 (2.9)	▲
Finland	44 (2.0)	▲
Sweden	41 (2.3)	
Denmark	41 (2.0)	
England	40 (2.2)	
Slovenia	39 (2.5)	
United States	39 (1.4)	
Cyprus	39 (1.9)	
Belgium (Flemish)	38 (2.1)	
<b>International Avg.</b>	<b>37 (0.3)</b>	
Turkey	37 (1.8)	
Spain	35 (2.3)	
Hungary	35 (2.5)	
Netherlands	35 (2.1)	
Ireland	35 (2.6)	
Serbia	35 (2.3)	
Czech Republic	34 (2.2)	
Portugal	34 (2.0)	
Lithuania	34 (2.8)	
Slovak Republic	33 (2.2)	▼
Italy	33 (2.3)	
Australia	33 (2.2)	▼
Canada	33 (1.4)	▼
New Zealand	32 (1.9)	▼
United Arab Emirates	32 (1.2)	▼
Georgia	32 (2.4)	▼
Croatia	31 (2.2)	▼
Bahrain	30 (2.6)	▼
Germany	30 (1.9)	▼
Chile	30 (2.3)	▼
France	28 (2.0)	▼
Oman	28 (1.6)	▼
Saudi Arabia	25 (1.9)	▼
Qatar	25 (1.9)	▼
Iran, Islamic Rep. of	24 (2.2)	▼
Kuwait	24 (1.7)	▼
Morocco	22 (2.1)	▼
Indonesia	19 (2.0)	▼
<b>Benchmarking Participants</b>		
Florida, US	47 (2.1)	▲
Dubai, UAE	41 (1.9)	
Ontario, Canada	37 (1.9)	
Norway (4)	32 (2.6)	▼
Quebec, Canada	30 (2.6)	▼
Abu Dhabi, UAE	25 (2.0)	▼
Buenos Aires, Argentina	15 (1.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M05\_10 (M041151): Shape makes a cube when folded**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Japan	92 (1.2)	▲
Australia	90 (1.4)	▲
Northern Ireland	89 (2.1)	▲
England	88 (1.5)	▲
Ireland	88 (1.5)	▲
Cyprus	86 (1.7)	▲
Chile	85 (1.6)	▲
Serbia	84 (2.0)	▲
New Zealand	84 (1.6)	▲
Lithuania	84 (1.9)	▲
Germany	82 (1.9)	▲
Portugal	80 (1.9)	▲
Canada	80 (1.3)	▲
Netherlands	80 (2.1)	▲
Hong Kong SAR	76 (2.2)	▲
Hungary	76 (1.9)	▲
Norway (5)	76 (2.0)	▲
Singapore	70 (1.6)	▲
Sweden	69 (2.5)	
Korea, Rep. of	68 (1.9)	
Turkey	67 (1.8)	
<b>International Avg.</b>	<b>66 (0.3)</b>	
Iran, Islamic Rep. of	66 (2.6)	
Denmark	66 (2.2)	
Finland	65 (2.4)	
France	65 (2.3)	
Morocco	65 (2.2)	
Czech Republic	64 (2.4)	
Slovenia	63 (2.3)	
Kazakhstan	63 (2.7)	
Chinese Taipei	63 (2.2)	
Russian Federation	63 (2.5)	
Spain	62 (2.6)	
United States	62 (1.6)	▼
Italy	62 (2.5)	
Indonesia	61 (2.9)	
Bahrain	59 (2.1)	▼
United Arab Emirates	59 (1.3)	▼
Georgia	51 (2.8)	▼
Bulgaria	51 (2.2)	▼
Qatar	50 (2.2)	▼
Oman	44 (1.9)	▼
Poland	44 (2.5)	▼
Saudi Arabia	43 (2.3)	▼
Croatia	42 (2.7)	▼
Slovak Republic	37 (1.9)	▼
Belgium (Flemish)	35 (2.2)	▼
Kuwait	25 (2.2)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	90 (1.8)	▲
Ontario, Canada	81 (1.7)	▲
Dubai, UAE	71 (1.6)	▲
Norway (4)	70 (2.1)	
Florida, US	58 (3.3)	▼
Abu Dhabi, UAE	52 (2.6)	▼
Buenos Aires, Argentina	46 (3.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M05\_11 (M041264): What is the area of the triangle**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Hong Kong SAR	79 (2.6)	▲
Chinese Taipei	78 (1.8)	▲
Japan	75 (1.7)	▲
Australia	74 (1.9)	▲
Norway (5)	72 (2.0)	▲
Ireland	72 (2.5)	▲
Northern Ireland	71 (2.2)	▲
Denmark	67 (2.2)	▲
Cyprus	66 (2.1)	▲
Netherlands	66 (2.6)	▲
Belgium (Flemish)	66 (1.8)	▲
Canada	64 (1.7)	▲
Germany	60 (2.4)	▲
Russian Federation	60 (1.9)	▲
England	59 (2.3)	▲
Portugal	58 (2.2)	▲
Poland	58 (2.3)	
New Zealand	57 (1.9)	▲
United States	57 (1.5)	
Hungary	56 (1.9)	
Czech Republic	55 (2.0)	
Croatia	54 (2.5)	
<b>International Avg.</b>	<b>54 (0.3)</b>	
Spain	53 (1.8)	
Bahrain	53 (1.8)	
Lithuania	52 (2.6)	
Singapore	52 (1.9)	
Serbia	52 (3.1)	
Turkey	51 (2.0)	
Kazakhstan	50 (3.0)	
Slovenia	50 (2.3)	
Sweden	49 (2.7)	
Qatar	49 (2.0)	▼
United Arab Emirates	49 (1.1)	▼
Slovak Republic	49 (2.1)	▼
Finland	48 (2.3)	▼
Oman	47 (2.0)	▼
Iran, Islamic Rep. of	45 (2.5)	▼
Bulgaria	42 (2.4)	▼
Italy	42 (2.5)	▼
France	41 (2.7)	▼
Chile	39 (2.1)	▼
Indonesia	37 (2.3)	▼
Morocco	35 (2.4)	▼
Saudi Arabia	33 (2.0)	▼
Georgia	31 (2.9)	▼
Kuwait	30 (2.6)	▼
Korea, Rep. of	22 (1.8)	▼
<b>Benchmarking Participants</b>		
Ontario, Canada	67 (2.4)	▲
Quebec, Canada	64 (3.9)	▲
Norway (4)	62 (2.7)	▲
Dubai, UAE	60 (1.4)	▲
Florida, US	51 (2.9)	
Abu Dhabi, UAE	47 (2.1)	▼
Buenos Aires, Argentina	29 (2.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M05\_12 (M041182): Complete the table**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Japan	97 (0.5)	▲
Northern Ireland	96 (1.0)	▲
Korea, Rep. of	96 (0.9)	▲
Singapore	95 (0.8)	▲
England	95 (1.0)	▲
Russian Federation	94 (1.1)	▲
Ireland	94 (1.2)	▲
Chinese Taipei	94 (1.2)	▲
Poland	93 (1.1)	▲
Canada	93 (1.2)	▲
Hong Kong SAR	92 (1.3)	▲
Australia	92 (1.0)	▲
Slovenia	92 (1.2)	▲
Italy	92 (1.3)	▲
Belgium (Flemish)	92 (1.1)	▲
Netherlands	91 (1.3)	▲
Portugal	91 (1.5)	▲
Germany	91 (1.3)	▲
Czech Republic	91 (1.3)	▲
United States	90 (0.7)	▲
Lithuania	90 (1.7)	▲
Norway (5)	90 (1.2)	▲
Slovak Republic	89 (1.3)	▲
Hungary	89 (1.4)	▲
Spain	89 (1.2)	▲
Serbia	88 (1.7)	▲
Sweden	88 (1.5)	▲
Croatia	87 (1.8)	
Finland	87 (1.6)	
New Zealand	86 (1.4)	
France	85 (1.8)	
<b>International Avg.</b>	<b>84 (0.2)</b>	
Turkey	83 (1.5)	
Kazakhstan	83 (1.8)	
Denmark	83 (1.7)	
Cyprus	82 (1.5)	
Chile	81 (1.5)	▼
Bulgaria	79 (2.1)	▼
United Arab Emirates	77 (1.2)	▼
Bahrain	76 (1.9)	▼
Qatar	74 (1.9)	▼
Iran, Islamic Rep. of	70 (3.2)	▼
Georgia	69 (2.1)	▼
Oman	69 (1.7)	▼
Indonesia	62 (2.8)	▼
Saudi Arabia	60 (2.0)	▼
Morocco	45 (2.3)	▼
Kuwait	45 (2.2)	▼
<b>Benchmarking Participants</b>		
Ontario, Canada	95 (1.3)	▲
Quebec, Canada	92 (2.2)	▲
Dubai, UAE	88 (0.9)	▲
Florida, US	87 (2.0)	
Norway (4)	76 (2.3)	▼
Abu Dhabi, UAE	72 (2.3)	▼
Buenos Aires, Argentina	70 (3.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M05\_13 (M041200): Complete and label the bar graph**  
**Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Korea, Rep. of	80 (1.6) ▲	96 (0.7) ▲
Japan	73 (1.9) ▲	92 (1.0) ▲
Hong Kong SAR	71 (2.5) ▲	95 (1.1) ▲
Norway (5)	70 (1.8) ▲	91 (1.3) ▲
Singapore	67 (1.6) ▲	91 (0.9) ▲
Chinese Taipei	67 (2.1) ▲	86 (1.6) ▲
Russian Federation	66 (2.1) ▲	87 (1.5) ▲
Australia	63 (2.3) ▲	90 (1.0) ▲
Slovenia	62 (2.2) ▲	86 (1.7) ▲
Poland	62 (2.5) ▲	81 (2.0) ▲
Northern Ireland	61 (2.7) ▲	91 (1.4) ▲
Netherlands	60 (2.8) ▲	80 (1.9) ▲
Canada	60 (2.1) ▲	88 (1.2) ▲
England	58 (2.3) ▲	86 (1.7) ▲
Portugal	58 (2.1) ▲	89 (1.4) ▲
Turkey	57 (2.1) ▲	78 (1.9) ▲
Sweden	56 (2.3) ▲	82 (1.8) ▲
Denmark	56 (2.7) ▲	78 (2.0) ▲
Spain	56 (2.5) ▲	81 (1.7) ▲
Cyprus	55 (2.2) ▲	78 (1.7) ▲
Chile	54 (2.2)	79 (1.9) ▲
Lithuania	54 (2.3)	82 (2.0) ▲
Germany	53 (2.3)	79 (2.0) ▲
Ireland	52 (2.7)	87 (1.8) ▲
<b>International Avg.</b>	<b>51 (0.3)</b>	<b>74 (0.3)</b>
Hungary	50 (2.4)	73 (2.3)
Bahrain	48 (2.3)	71 (2.1)
Czech Republic	47 (2.2)	69 (2.3) ▼
Serbia	47 (2.7)	71 (2.8)
Qatar	46 (2.1) ▼	68 (2.0) ▼
United Arab Emirates	46 (1.4) ▼	69 (1.2) ▼
Italy	44 (2.3) ▼	72 (1.7)
Oman	44 (1.7) ▼	68 (1.7) ▼
United States	44 (1.5) ▼	80 (1.2) ▲
Slovak Republic	43 (2.2) ▼	65 (2.3) ▼
Finland	42 (2.1) ▼	71 (2.3)
New Zealand	42 (2.3) ▼	75 (1.5)
France	42 (2.3) ▼	59 (2.2) ▼
Bulgaria	39 (2.3) ▼	59 (2.7) ▼
Kazakhstan	38 (2.0) ▼	56 (2.4) ▼
Croatia	38 (2.3) ▼	64 (2.3) ▼
Iran, Islamic Rep. of	36 (2.7) ▼	53 (3.2) ▼
Indonesia	30 (2.1) ▼	44 (2.6) ▼
Saudi Arabia	29 (1.8) ▼	48 (2.5) ▼
Georgia	29 (2.5) ▼	50 (2.6) ▼
Morocco	19 (1.9) ▼	42 (2.4) ▼
Kuwait	15 (1.6) ▼	27 (2.0) ▼
Belgium (Flemish)	- -	- -
<b>Benchmarking Participants</b>		
Quebec, Canada	69 (3.2) ▲	89 (1.8) ▲
Dubai, UAE	58 (1.7) ▲	84 (1.3) ▲
Ontario, Canada	56 (3.9)	91 (1.5) ▲
Norway (4)	50 (2.5)	74 (2.4)
Florida, US	49 (3.0)	79 (2.5)
Abu Dhabi, UAE	43 (2.2) ▼	65 (2.6) ▼
Buenos Aires, Argentina	14 (2.0) ▼	26 (2.7) ▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M06\_01 (M051140): Expression for Jenny's age**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Russian Federation	83 (1.5)	▲
Hong Kong SAR	83 (1.9)	▲
Singapore	78 (1.5)	▲
Poland	74 (2.1)	▲
Chinese Taipei	73 (2.2)	▲
Northern Ireland	70 (2.6)	▲
Kazakhstan	69 (2.4)	▲
Lithuania	67 (2.6)	▲
Italy	66 (2.1)	▲
United States	66 (1.4)	▲
Ireland	66 (2.6)	▲
Bulgaria	65 (2.3)	▲
Belgium (Flemish)	62 (1.9)	▲
Serbia	62 (2.6)	▲
Slovenia	62 (2.3)	▲
Cyprus	61 (2.0)	▲
Bahrain	60 (1.9)	▲
Korea, Rep. of	60 (2.5)	
Slovak Republic	59 (1.9)	
Finland	58 (2.2)	
Norway (5)	57 (2.6)	
Czech Republic	57 (1.8)	
Sweden	57 (2.3)	
Georgia	56 (2.5)	
<b>International Avg.</b>	<b>56 (0.3)</b>	
Portugal	55 (2.4)	
Croatia	54 (2.2)	
Canada	54 (1.7)	
Hungary	54 (2.1)	
England	53 (2.2)	
Germany	53 (2.1)	
Japan	52 (2.1)	
Netherlands	52 (2.5)	
Australia	51 (2.3)	
New Zealand	51 (2.2)	▼
Spain	50 (2.0)	▼
Denmark	49 (2.4)	▼
Chile	48 (2.3)	▼
France	47 (2.3)	▼
United Arab Emirates	44 (1.2)	▼
Turkey	42 (2.1)	▼
Qatar	42 (2.4)	▼
Iran, Islamic Rep. of	39 (3.3)	▼
Indonesia	38 (2.5)	▼
Oman	34 (1.7)	▼
Saudi Arabia	34 (2.3)	▼
Kuwait	31 (2.6)	▼
Morocco	17 (1.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	64 (3.0)	▲
Ontario, Canada	61 (1.9)	▲
Dubai, UAE	54 (1.5)	
Quebec, Canada	48 (3.7)	▼
Norway (4)	47 (2.7)	▼
Abu Dhabi, UAE	42 (2.3)	▼
Buenos Aires, Argentina	28 (2.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M06\_02 (M051017): Closest estimate for 52093 - 4136**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Korea, Rep. of	80 (1.6)	▲
Chinese Taipei	73 (1.8)	▲
Singapore	73 (1.6)	▲
Japan	70 (1.8)	▲
Northern Ireland	69 (2.5)	▲
Hong Kong SAR	67 (2.1)	▲
Serbia	67 (2.5)	▲
England	66 (2.3)	▲
Hungary	65 (2.0)	▲
Spain	64 (2.3)	▲
Belgium (Flemish)	63 (2.1)	▲
United States	62 (1.3)	▲
Germany	61 (2.2)	▲
Sweden	59 (3.0)	▲
Bulgaria	59 (2.4)	▲
Georgia	59 (2.7)	▲
Norway (5)	58 (2.2)	▲
Finland	57 (2.7)	
Denmark	56 (2.2)	
Kazakhstan	53 (3.2)	
Bahrain	53 (2.2)	
Lithuania	53 (2.6)	
<b>International Avg.</b>	<b>53 (0.3)</b>	
Croatia	52 (2.4)	
Russian Federation	52 (2.2)	
New Zealand	52 (2.1)	
Turkey	51 (1.6)	
Netherlands	51 (1.9)	
Ireland	50 (2.7)	
Canada	50 (1.4)	▼
France	50 (2.2)	
Australia	49 (2.4)	
Czech Republic	47 (2.2)	▼
Slovenia	46 (2.2)	▼
Italy	45 (2.3)	▼
Poland	45 (2.6)	▼
United Arab Emirates	45 (1.0)	▼
Chile	44 (1.7)	▼
Slovak Republic	40 (2.0)	▼
Qatar	40 (2.1)	▼
Iran, Islamic Rep. of	38 (2.7)	▼
Indonesia	37 (2.0)	▼
Morocco	36 (1.9)	▼
Saudi Arabia	36 (2.3)	▼
Oman	35 (1.6)	▼
Cyprus	35 (2.0)	▼
Portugal	35 (2.4)	▼
Kuwait	30 (1.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	69 (3.6)	▲
Dubai, UAE	58 (1.9)	▲
Quebec, Canada	55 (4.0)	
Ontario, Canada	49 (1.8)	
Norway (4)	48 (2.5)	
Buenos Aires, Argentina	42 (2.8)	▼
Abu Dhabi, UAE	42 (1.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M06\_03 (M051111): Get the largest number**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	56 (2.2)	▲
Hong Kong SAR	55 (1.9)	▲
Japan	51 (2.3)	▲
Singapore	47 (1.8)	▲
Sweden	46 (2.4)	▲
Chinese Taipei	44 (2.5)	▲
Norway (5)	44 (2.0)	▲
Denmark	42 (2.1)	▲
Russian Federation	39 (2.1)	▲
Czech Republic	39 (2.3)	▲
Poland	38 (2.0)	▲
Finland	37 (2.3)	▲
England	37 (2.1)	▲
Cyprus	36 (2.2)	▲
Netherlands	34 (2.0)	▲
Germany	34 (2.0)	▲
Croatia	31 (2.4)	
New Zealand	30 (1.9)	
Kazakhstan	30 (2.5)	
Bulgaria	29 (2.2)	
Serbia	29 (2.2)	
<b>International Avg.</b>	<b>29 (0.3)</b>	
Lithuania	28 (1.9)	
Belgium (Flemish)	28 (2.2)	
Hungary	28 (2.0)	
United States	28 (1.4)	
Slovak Republic	28 (2.2)	
Canada	26 (1.2)	▼
Australia	26 (2.3)	
France	26 (1.9)	
Northern Ireland	25 (2.6)	
Spain	25 (1.7)	▼
Ireland	24 (2.0)	▼
Portugal	23 (1.9)	▼
Slovenia	20 (1.7)	▼
Italy	19 (1.8)	▼
Bahrain	19 (1.9)	▼
Oman	19 (1.2)	▼
United Arab Emirates	19 (1.0)	▼
Chile	19 (1.7)	▼
Georgia	15 (1.8)	▼
Qatar	15 (1.6)	▼
Saudi Arabia	15 (1.9)	▼
Turkey	14 (1.5)	▼
Morocco	12 (1.6)	▼
Kuwait	10 (1.5)	▼
Indonesia	8 (1.4)	▼
Iran, Islamic Rep. of	3 (0.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	30 (2.9)	
Norway (4)	30 (2.1)	
Quebec, Canada	30 (3.0)	
Dubai, UAE	27 (1.4)	
Ontario, Canada	26 (1.7)	
Abu Dhabi, UAE	14 (1.7)	▼
Buenos Aires, Argentina	11 (1.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 () Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M06\_04 (M051089): Number shown by the arrow**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Japan	90 (1.0)	▲
Singapore	90 (1.1)	▲
Korea, Rep. of	86 (1.5)	▲
Chinese Taipei	74 (1.9)	▲
Hong Kong SAR	70 (3.0)	▲
Northern Ireland	53 (2.5)	▲
England	52 (2.8)	▲
Belgium (Flemish)	50 (2.1)	▲
Norway (5)	46 (2.7)	▲
Germany	46 (2.4)	▲
Kazakhstan	42 (3.0)	▲
Finland	39 (2.7)	▲
Denmark	34 (2.7)	
Portugal	33 (2.4)	
Ireland	32 (2.7)	
<b>International Avg.</b>	<b>30 (0.3)</b>	
Spain	30 (2.0)	
Bulgaria	29 (2.7)	
Russian Federation	29 (2.4)	
Australia	28 (2.1)	
New Zealand	27 (1.7)	
Netherlands	27 (2.0)	
United States	26 (1.6)	▼
Lithuania	26 (2.4)	
Hungary	26 (1.9)	▼
Poland	26 (2.0)	▼
Italy	24 (2.2)	▼
Sweden	24 (1.9)	▼
Canada	23 (1.5)	▼
Slovak Republic	22 (1.4)	▼
France	21 (1.7)	▼
Serbia	20 (2.4)	▼
Czech Republic	19 (1.8)	▼
United Arab Emirates	19 (1.1)	▼
Slovenia	18 (1.9)	▼
Qatar	17 (1.6)	▼
Cyprus	17 (2.0)	▼
Croatia	15 (1.8)	▼
Chile	13 (1.5)	▼
Oman	10 (1.1)	▼
Turkey	8 (0.9)	▼
Bahrain	7 (2.4)	▼
Georgia	7 (1.8)	▼
Morocco	7 (1.4)	▼
Iran, Islamic Rep. of	6 (1.2)	▼
Indonesia	6 (1.1)	▼
Kuwait	6 (1.4)	▼
Saudi Arabia	5 (1.2)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	34 (3.5)	
Dubai, UAE	34 (1.5)	▲
Florida, US	24 (2.3)	▼
Norway (4)	21 (2.5)	▼
Ontario, Canada	20 (1.7)	▼
Abu Dhabi, UAE	12 (1.8)	▼
Buenos Aires, Argentina	8 (1.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M06\_05 (M051094): Money need to buy juice bottles**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Singapore	79 (1.6)	▲
Korea, Rep. of	75 (1.8)	▲
Hong Kong SAR	73 (1.7)	▲
Japan	70 (2.4)	▲
Northern Ireland	70 (2.3)	▲
Ireland	65 (2.4)	▲
Poland	64 (2.5)	▲
England	62 (2.4)	▲
Netherlands	62 (2.4)	▲
Germany	62 (2.1)	▲
Lithuania	62 (2.6)	▲
Chinese Taipei	61 (2.0)	▲
Russian Federation	59 (2.2)	▲
Denmark	59 (2.2)	▲
Belgium (Flemish)	59 (1.8)	▲
Spain	59 (2.6)	▲
Kazakhstan	58 (3.0)	▲
Finland	58 (2.6)	▲
United States	58 (1.4)	▲
Portugal	57 (2.2)	▲
Norway (5)	55 (2.6)	
Slovenia	54 (2.0)	
Bulgaria	54 (2.6)	
Australia	53 (2.3)	
Cyprus	52 (2.3)	
<b>International Avg.</b>	<b>51 (0.3)</b>	
Croatia	51 (2.2)	
Czech Republic	51 (2.5)	
Slovak Republic	50 (2.0)	
Sweden	49 (2.6)	
Canada	48 (1.9)	
Hungary	48 (2.3)	
Turkey	47 (2.0)	
Italy	47 (2.5)	
New Zealand	47 (2.1)	
Serbia	47 (2.5)	
France	42 (2.4)	▼
Georgia	41 (2.6)	▼
Bahrain	36 (2.2)	▼
United Arab Emirates	36 (1.1)	▼
Indonesia	33 (2.3)	▼
Qatar	30 (1.7)	▼
Chile	28 (1.7)	▼
Iran, Islamic Rep. of	28 (2.6)	▼
Oman	27 (1.4)	▼
Kuwait	27 (2.2)	▼
Saudi Arabia	26 (1.9)	▼
Morocco	22 (2.0)	▼
<b>Benchmarking Participants</b>		
Florida, US	58 (2.7)	▲
Dubai, UAE	51 (1.9)	
Ontario, Canada	49 (3.0)	
Quebec, Canada	47 (3.3)	
Norway (4)	41 (2.4)	▼
Abu Dhabi, UAE	34 (2.6)	▼
Buenos Aires, Argentina	25 (2.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M06\_06 (M051227): Largest number described by a clue**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	46 (2.2)	▲
Singapore	42 (1.9)	▲
Serbia	34 (2.2)	▲
Chinese Taipei	34 (2.0)	▲
Hungary	31 (2.2)	▲
Sweden	31 (2.8)	▲
Bulgaria	30 (2.3)	▲
England	30 (1.9)	▲
Russian Federation	29 (1.9)	▲
Hong Kong SAR	29 (2.3)	▲
Finland	29 (2.0)	▲
Kazakhstan	29 (2.6)	▲
Northern Ireland	29 (2.2)	▲
Portugal	28 (2.2)	▲
Ireland	27 (1.8)	▲
Norway (5)	26 (2.1)	▲
United States	24 (1.3)	▲
Denmark	24 (1.9)	
Croatia	23 (2.3)	
Canada	22 (1.5)	
Germany	22 (1.8)	
Japan	22 (1.9)	
Belgium (Flemish)	21 (1.6)	
Poland	21 (1.8)	
Lithuania	21 (2.4)	
Australia	21 (1.9)	
International Avg.	20 (0.3)	
Czech Republic	20 (1.6)	
Slovak Republic	19 (1.7)	
Spain	19 (1.9)	
Netherlands	18 (1.7)	
Turkey	17 (1.5)	▼
New Zealand	17 (1.5)	▼
Italy	17 (1.6)	▼
Cyprus	15 (1.8)	▼
Slovenia	14 (1.7)	▼
United Arab Emirates	13 (0.7)	▼
Oman	12 (1.1)	▼
France	11 (1.4)	▼
Georgia	11 (1.7)	▼
Qatar	8 (1.2)	▼
Bahrain	7 (1.7)	▼
Chile	5 (0.9)	▼
Iran, Islamic Rep. of	5 (1.1)	▼
Saudi Arabia	4 (1.2)	▼
Morocco	3 (1.3)	▼
Kuwait	2 (0.6)	▼
Indonesia	1 (0.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	29 (3.1)	▲
Quebec, Canada	25 (3.1)	
Dubai, UAE	23 (1.3)	
Ontario, Canada	22 (1.8)	
Norway (4)	16 (1.8)	▼
Buenos Aires, Argentina	9 (1.9)	▼
Abu Dhabi, UAE	8 (1.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

# TIMSS 2015 Percent Correct Statistics for Achievement Items

**M06\_07 (M051060): Which shape has symmetry**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Singapore	81 (1.5)	▲
Northern Ireland	79 (3.0)	▲
Slovenia	72 (2.2)	▲
Hong Kong SAR	70 (2.6)	▲
Lithuania	68 (2.6)	▲
England	67 (2.0)	▲
Russian Federation	64 (2.6)	▲
Ireland	64 (2.7)	▲
United States	60 (1.8)	▲
Kazakhstan	59 (3.3)	▲
Australia	59 (2.1)	▲
Bahrain	57 (2.3)	▲
Hungary	56 (2.3)	▲
Portugal	56 (2.3)	▲
Turkey	55 (2.0)	▲
Indonesia	55 (3.1)	
Cyprus	55 (2.4)	▲
Denmark	54 (2.6)	
Norway (5)	53 (2.7)	
Morocco	53 (2.0)	
Serbia	52 (2.5)	
Canada	52 (1.7)	
Belgium (Flemish)	50 (2.2)	
<b>International Avg.</b>	<b>50 (0.3)</b>	
Netherlands	50 (2.4)	
New Zealand	49 (1.9)	
Finland	48 (1.9)	
Germany	48 (2.3)	
Poland	47 (2.3)	
United Arab Emirates	46 (1.4)	▼
Sweden	46 (2.4)	
Chile	46 (2.1)	
Spain	45 (2.4)	▼
Bulgaria	44 (2.5)	▼
Italy	43 (2.7)	▼
Oman	42 (1.9)	▼
France	41 (2.3)	▼
Czech Republic	41 (2.1)	▼
Korea, Rep. of	39 (1.9)	▼
Croatia	36 (2.9)	▼
Iran, Islamic Rep. of	33 (2.3)	▼
Qatar	33 (2.1)	▼
Slovak Republic	32 (2.4)	▼
Japan	32 (2.1)	▼
Chinese Taipei	29 (2.1)	▼
Georgia	28 (2.3)	▼
Kuwait	25 (2.5)	▼
Saudi Arabia	22 (1.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	75 (3.4)	▲
Ontario, Canada	62 (2.5)	▲
Dubai, UAE	59 (1.6)	▲
Norway (4)	56 (2.9)	▲
Abu Dhabi, UAE	46 (2.8)	
Quebec, Canada	40 (3.4)	▼
Buenos Aires, Argentina	19 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 () Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M06\_08A (M051061A): Unit of length (baby)**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Russian Federation	68 (2.4)	▲
Bulgaria	64 (2.4)	▲
Netherlands	62 (2.6)	▲
Slovenia	62 (2.3)	▲
Chinese Taipei	61 (2.0)	▲
Slovak Republic	60 (1.9)	▲
Hong Kong SAR	60 (3.3)	▲
Finland	59 (2.5)	▲
Croatia	57 (2.6)	▲
Belgium (Flemish)	57 (2.2)	▲
Japan	56 (2.1)	▲
Hungary	56 (2.2)	▲
Sweden	53 (2.6)	▲
Czech Republic	52 (2.3)	▲
Norway (5)	52 (2.3)	▲
Germany	51 (2.5)	▲
Serbia	50 (2.3)	▲
Korea, Rep. of	49 (2.2)	▲
Canada	48 (1.7)	▲
Poland	46 (1.9)	▲
Kazakhstan	45 (2.6)	
Northern Ireland	42 (2.6)	
England	42 (2.3)	
Denmark	42 (2.2)	
Lithuania	42 (2.5)	
<b>International Avg.</b>	<b>41 (0.3)</b>	
Australia	41 (2.6)	
France	39 (1.9)	
Italy	39 (2.0)	
New Zealand	39 (2.0)	
Singapore	34 (1.6)	▼
Spain	34 (2.0)	▼
Georgia	34 (2.7)	▼
Portugal	33 (2.7)	▼
United States	30 (1.5)	▼
Ireland	30 (2.3)	▼
Turkey	26 (1.7)	▼
Iran, Islamic Rep. of	23 (2.3)	▼
United Arab Emirates	23 (1.1)	▼
Cyprus	21 (1.8)	▼
Bahrain	21 (1.7)	▼
Qatar	20 (2.0)	▼
Saudi Arabia	19 (1.7)	▼
Oman	18 (1.3)	▼
Kuwait	14 (1.3)	▼
Morocco	13 (1.4)	▼
Indonesia	11 (1.3)	▼
Chile	9 (1.2)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	62 (3.3)	▲
Ontario, Canada	49 (2.7)	▲
Florida, US	32 (2.7)	▼
Norway (4)	29 (1.9)	▼
Dubai, UAE	28 (1.8)	▼
Abu Dhabi, UAE	21 (1.9)	▼
Buenos Aires, Argentina	12 (2.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M06\_08B (M051061B): Unit of length (forest)**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Belgium (Flemish)	95 (0.9)	▲
Japan	95 (1.0)	▲
Netherlands	95 (0.9)	▲
Czech Republic	94 (1.0)	▲
Russian Federation	92 (1.1)	▲
Slovenia	91 (1.2)	▲
Finland	91 (1.3)	▲
Hong Kong SAR	91 (1.7)	▲
Lithuania	90 (1.4)	▲
Croatia	90 (1.4)	▲
Chinese Taipei	90 (1.2)	▲
Poland	90 (1.5)	▲
Germany	89 (1.2)	▲
Norway (5)	89 (1.3)	▲
Singapore	89 (1.2)	▲
Sweden	89 (1.6)	▲
Serbia	88 (2.0)	▲
Slovak Republic	88 (1.2)	▲
Denmark	88 (1.5)	▲
France	87 (1.6)	▲
Ireland	86 (1.9)	▲
Italy	85 (2.1)	▲
Korea, Rep. of	85 (1.5)	▲
Australia	84 (1.8)	▲
Hungary	84 (1.6)	▲
Spain	84 (1.5)	▲
Kazakhstan	82 (1.8)	▲
Portugal	80 (1.9)	
Canada	79 (1.3)	▲
New Zealand	79 (1.5)	
Bulgaria	78 (2.1)	
International Avg.	77 (0.3)	
Northern Ireland	76 (2.3)	
Georgia	73 (2.4)	
England	72 (2.2)	▼
United Arab Emirates	63 (1.2)	▼
Chile	62 (2.0)	▼
Iran, Islamic Rep. of	58 (3.1)	▼
Bahrain	56 (2.5)	▼
Cyprus	56 (2.0)	▼
Turkey	56 (2.0)	▼
Qatar	55 (2.0)	▼
Saudi Arabia	50 (2.4)	▼
Indonesia	48 (2.8)	▼
United States	46 (1.4)	▼
Oman	39 (1.4)	▼
Morocco	37 (2.4)	▼
Kuwait	32 (2.6)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	88 (2.2)	▲
Ontario, Canada	83 (1.5)	▲
Dubai, UAE	74 (1.6)	
Norway (4)	73 (2.5)	
Buenos Aires, Argentina	57 (2.4)	▼
Abu Dhabi, UAE	54 (2.3)	▼
Florida, US	48 (3.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M06\_08C (M051061C): Unit of length (car)**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Belgium (Flemish)	94 (1.0)	▲
Netherlands	94 (1.0)	▲
Japan	93 (1.0)	▲
Hong Kong SAR	93 (1.4)	▲
Chinese Taipei	92 (1.1)	▲
Finland	91 (1.2)	▲
Czech Republic	90 (1.3)	▲
Norway (5)	90 (1.4)	▲
Slovenia	90 (1.3)	▲
Russian Federation	89 (1.3)	▲
Germany	89 (1.2)	▲
Poland	87 (2.0)	▲
Lithuania	86 (1.7)	▲
Serbia	85 (2.1)	▲
Croatia	85 (1.9)	▲
Sweden	84 (1.8)	▲
Singapore	84 (1.5)	▲
Slovak Republic	84 (1.4)	▲
Denmark	83 (1.8)	▲
Ireland	83 (2.2)	▲
Hungary	81 (1.9)	▲
Bulgaria	81 (2.2)	▲
Portugal	80 (1.7)	▲
Australia	80 (2.7)	▲
Italy	79 (2.1)	▲
France	79 (2.1)	▲
Spain	78 (1.6)	▲
Kazakhstan	78 (1.9)	▲
Korea, Rep. of	78 (1.8)	▲
Canada	76 (1.7)	▲
Northern Ireland	76 (2.3)	
New Zealand	75 (1.7)	
International Avg.	73 (0.3)	
England	72 (2.3)	
Chile	62 (2.1)	▼
Georgia	61 (2.7)	▼
Turkey	58 (1.7)	▼
United Arab Emirates	49 (1.4)	▼
Indonesia	48 (3.2)	▼
Bahrain	47 (2.7)	▼
Cyprus	46 (1.9)	▼
United States	43 (1.6)	▼
Qatar	43 (2.0)	▼
Morocco	42 (2.3)	▼
Oman	40 (1.5)	▼
Saudi Arabia	39 (2.4)	▼
Iran, Islamic Rep. of	36 (2.9)	▼
Kuwait	26 (2.2)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	87 (2.8)	▲
Ontario, Canada	80 (1.9)	▲
Norway (4)	73 (2.1)	
Dubai, UAE	63 (1.5)	▼
Florida, US	45 (3.3)	▼
Buenos Aires, Argentina	43 (3.2)	▼
Abu Dhabi, UAE	37 (2.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M06\_08Z (M051061Z): Units of length (Derived)**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Russian Federation	63 (2.2)	▲
Netherlands	60 (2.6)	▲
Slovenia	57 (2.2)	▲
Bulgaria	56 (2.5)	▲
Finland	56 (2.3)	▲
Hong Kong SAR	55 (2.9)	▲
Chinese Taipei	55 (2.0)	▲
Belgium (Flemish)	54 (2.2)	▲
Japan	53 (2.2)	▲
Slovak Republic	53 (1.9)	▲
Norway (5)	49 (2.3)	▲
Croatia	49 (2.6)	▲
Czech Republic	49 (2.4)	▲
Hungary	49 (2.3)	▲
Sweden	48 (2.4)	▲
Serbia	46 (2.4)	▲
Germany	45 (2.4)	▲
Korea, Rep. of	43 (2.1)	▲
Poland	42 (2.0)	▲
Canada	41 (1.7)	▲
Kazakhstan	40 (2.5)	▲
Denmark	40 (2.2)	▲
Lithuania	38 (2.6)	
Australia	37 (2.7)	
Northern Ireland	36 (2.4)	
<b>International Avg.</b>	<b>35 (0.3)</b>	
England	34 (2.3)	
Italy	33 (1.9)	
New Zealand	33 (2.0)	
France	33 (1.9)	
Singapore	32 (1.6)	
Spain	30 (2.3)	▼
Ireland	29 (2.3)	▼
Portugal	27 (2.5)	▼
Georgia	24 (2.4)	▼
United States	18 (1.2)	▼
Turkey	17 (1.3)	▼
United Arab Emirates	13 (1.1)	▼
Qatar	12 (1.7)	▼
Cyprus	11 (1.4)	▼
Saudi Arabia	10 (1.3)	▼
Bahrain	10 (1.7)	▼
Iran, Islamic Rep. of	10 (1.9)	▼
Morocco	8 (1.2)	▼
Chile	7 (1.0)	▼
Oman	7 (0.9)	▼
Indonesia	6 (1.0)	▼
Kuwait	5 (1.1)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	54 (3.5)	▲
Ontario, Canada	43 (2.5)	▲
Norway (4)	26 (1.8)	▼
Dubai, UAE	22 (1.7)	▼
Florida, US	18 (2.8)	▼
Abu Dhabi, UAE	9 (1.6)	▼
Buenos Aires, Argentina	9 (1.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M06\_09 (M051129): Solid with the largest volume**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Korea, Rep. of	88 (1.2)	▲
Chinese Taipei	87 (1.5)	▲
Netherlands	85 (1.9)	▲
Lithuania	81 (1.9)	▲
Singapore	78 (1.4)	▲
Russian Federation	78 (1.5)	▲
Japan	78 (1.5)	▲
Belgium (Flemish)	75 (2.1)	▲
Australia	74 (2.1)	▲
Hong Kong SAR	73 (2.6)	▲
Czech Republic	72 (2.1)	▲
Portugal	71 (2.0)	▲
Northern Ireland	71 (2.7)	▲
Norway (5)	71 (2.2)	▲
Germany	71 (1.9)	▲
Canada	70 (1.4)	▲
Ireland	69 (2.5)	▲
United States	69 (1.3)	▲
Sweden	67 (2.4)	
Poland	67 (2.4)	
England	67 (2.3)	
Hungary	67 (2.3)	
New Zealand	66 (2.1)	
Serbia	66 (2.6)	
Slovak Republic	66 (2.0)	
Bahrain	65 (2.2)	
Spain	65 (2.1)	
Finland	64 (2.9)	
<b>International Avg.</b>	<b>64 (0.3)</b>	
France	62 (2.0)	
Croatia	62 (2.3)	
Cyprus	62 (2.3)	
Kazakhstan	62 (2.7)	
Denmark	61 (2.6)	
Italy	59 (2.4)	▼
Chile	57 (2.2)	▼
Bulgaria	57 (2.4)	▼
Slovenia	53 (2.6)	▼
United Arab Emirates	53 (1.2)	▼
Turkey	50 (1.9)	▼
Georgia	50 (2.2)	▼
Qatar	47 (1.8)	▼
Iran, Islamic Rep. of	46 (2.9)	▼
Saudi Arabia	44 (2.1)	▼
Oman	43 (1.6)	▼
Morocco	41 (2.1)	▼
Indonesia	39 (2.5)	▼
Kuwait	37 (2.4)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	77 (3.1)	▲
Florida, US	70 (3.2)	
Ontario, Canada	69 (2.0)	▲
Norway (4)	66 (2.2)	
Dubai, UAE	63 (1.6)	
Abu Dhabi, UAE	51 (2.5)	▼
Buenos Aires, Argentina	38 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M06\_10 (M051236): In what square is the treasure**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	76 (2.1)	▲
Chinese Taipei	74 (2.0)	▲
Northern Ireland	73 (2.4)	▲
Korea, Rep. of	72 (2.1)	▲
England	71 (2.0)	▲
Belgium (Flemish)	71 (2.0)	▲
Norway (5)	69 (2.0)	▲
Slovenia	65 (2.0)	▲
Singapore	64 (1.7)	▲
Czech Republic	64 (2.1)	▲
Australia	64 (1.9)	▲
Netherlands	63 (2.3)	▲
Hungary	61 (2.3)	▲
Lithuania	61 (2.6)	▲
Finland	60 (2.4)	▲
Japan	59 (2.0)	▲
Sweden	59 (1.9)	▲
Russian Federation	58 (2.3)	▲
Denmark	56 (2.2)	▲
Germany	54 (2.4)	▲
Portugal	54 (2.5)	▲
New Zealand	53 (2.1)	▲
Canada	53 (1.7)	▲
Ireland	53 (2.6)	▲
Spain	53 (2.2)	▲
Slovak Republic	53 (1.9)	▲
Cyprus	52 (2.7)	
Croatia	51 (2.8)	
Serbia	50 (2.4)	
France	50 (2.3)	
United States	50 (1.8)	
<b>International Avg.</b>	<b>48 (0.3)</b>	
Bulgaria	46 (2.6)	
Italy	45 (2.8)	
Kazakhstan	39 (2.8)	▼
Chile	39 (2.1)	▼
United Arab Emirates	31 (1.2)	▼
Turkey	30 (1.8)	▼
Poland	27 (1.8)	▼
Bahrain	26 (1.8)	▼
Qatar	26 (2.5)	▼
Oman	22 (1.2)	▼
Georgia	19 (2.0)	▼
Indonesia	15 (1.7)	▼
Saudi Arabia	11 (1.4)	▼
Morocco	7 (1.3)	▼
Kuwait	5 (1.3)	▼
Iran, Islamic Rep. of	3 (1.3)	▼
<b>Benchmarking Participants</b>		
Norway (4)	59 (2.4)	▲
Ontario, Canada	56 (2.1)	▲
Quebec, Canada	54 (3.3)	
Florida, US	51 (3.1)	
Dubai, UAE	49 (1.9)	
Abu Dhabi, UAE	23 (2.2)	▼
Buenos Aires, Argentina	20 (2.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M06\_11A (M051125A): People visiting the website on Thu**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	98 (0.6)	▲
Chinese Taipei	96 (1.0)	▲
Hong Kong SAR	96 (1.0)	▲
England	96 (1.0)	▲
Japan	96 (0.9)	▲
Norway (5)	94 (1.0)	▲
Ireland	94 (1.1)	▲
Singapore	93 (1.0)	▲
Belgium (Flemish)	93 (0.9)	▲
Netherlands	93 (1.2)	▲
Germany	93 (1.0)	▲
Northern Ireland	92 (1.5)	▲
Portugal	91 (1.1)	▲
Russian Federation	91 (1.3)	▲
Croatia	91 (1.6)	▲
Finland	90 (1.4)	▲
Australia	90 (1.3)	▲
Poland	90 (1.2)	▲
United States	90 (1.0)	▲
Sweden	89 (1.6)	▲
Lithuania	88 (1.5)	▲
Czech Republic	88 (1.4)	▲
Canada	87 (0.9)	▲
Denmark	87 (1.6)	▲
New Zealand	87 (1.3)	▲
Spain	87 (1.3)	▲
Hungary	86 (1.6)	
Serbia	86 (1.9)	
Slovenia	85 (1.7)	
France	85 (1.9)	
Bahrain	84 (1.6)	
<b>International Avg.</b>	<b>84 (0.2)</b>	
Bulgaria	82 (2.5)	
Italy	81 (1.9)	
Slovak Republic	81 (1.8)	
Cyprus	81 (1.8)	
Turkey	79 (1.8)	▼
United Arab Emirates	79 (1.0)	▼
Kazakhstan	79 (1.8)	▼
Chile	78 (1.7)	▼
Qatar	78 (1.8)	▼
Oman	69 (1.7)	▼
Saudi Arabia	65 (2.0)	▼
Indonesia	64 (2.8)	▼
Georgia	58 (2.1)	▼
Iran, Islamic Rep. of	57 (2.6)	▼
Kuwait	54 (2.3)	▼
Morocco	47 (2.3)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	92 (1.7)	▲
Dubai, UAE	90 (1.1)	▲
Ontario, Canada	88 (1.3)	▲
Florida, US	86 (2.6)	
Norway (4)	84 (1.7)	
Abu Dhabi, UAE	74 (2.2)	▼
Buenos Aires, Argentina	61 (2.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M06\_11B (M051125B): How many more on Fri than Tue**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Singapore	85 (1.2)	▲
Hong Kong SAR	84 (2.3)	▲
Chinese Taipei	83 (1.6)	▲
Korea, Rep. of	77 (1.8)	▲
Norway (5)	76 (1.9)	▲
Northern Ireland	75 (2.0)	▲
Russian Federation	74 (2.6)	▲
Lithuania	72 (2.4)	▲
Bahrain	71 (2.6)	▲
Belgium (Flemish)	70 (1.9)	▲
England	69 (1.9)	▲
Kazakhstan	69 (2.4)	▲
Turkey	68 (1.9)	▲
Germany	68 (2.0)	▲
United States	67 (1.5)	▲
Netherlands	67 (2.1)	▲
Portugal	66 (2.0)	▲
Denmark	64 (2.4)	
Ireland	64 (2.3)	
Croatia	64 (2.8)	
Japan	64 (2.1)	
Serbia	64 (2.7)	
Spain	63 (2.1)	
Sweden	63 (2.8)	
<b>International Avg.</b>	<b>61 (0.3)</b>	
Slovenia	59 (2.2)	
Czech Republic	59 (2.1)	
Australia	59 (2.5)	
Hungary	58 (2.3)	
Poland	58 (2.4)	
Georgia	57 (2.4)	
United Arab Emirates	57 (1.2)	▼
New Zealand	57 (2.2)	▼
Indonesia	56 (2.2)	▼
Cyprus	56 (2.3)	▼
Canada	55 (1.7)	▼
Slovak Republic	55 (1.8)	▼
Chile	53 (2.0)	▼
Finland	52 (2.3)	▼
France	51 (2.0)	▼
Qatar	49 (1.9)	▼
Oman	47 (1.8)	▼
Saudi Arabia	44 (2.5)	▼
Morocco	42 (2.3)	▼
Italy	42 (2.2)	▼
Kuwait	37 (2.3)	▼
Iran, Islamic Rep. of	31 (2.7)	▼
Bulgaria	- -	
<b>Benchmarking Participants</b>		
Florida, US	68 (3.0)	▲
Quebec, Canada	64 (4.0)	
Dubai, UAE	63 (1.7)	
Ontario, Canada	55 (2.2)	▼
Abu Dhabi, UAE	54 (2.5)	▼
Norway (4)	50 (2.6)	▼
Buenos Aires, Argentina	44 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M07\_01 (M041298): Which rectangle is 1/4 shaded**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Hong Kong SAR	98 (0.6)	▲
Singapore	96 (0.7)	▲
Korea, Rep. of	96 (0.9)	▲
Chinese Taipei	95 (1.1)	▲
United States	94 (0.7)	▲
Japan	93 (0.9)	▲
Cyprus	92 (1.0)	▲
Slovenia	89 (1.4)	▲
Northern Ireland	89 (1.8)	▲
Belgium (Flemish)	88 (1.3)	▲
Finland	88 (1.4)	▲
Australia	88 (1.4)	▲
Norway (5)	86 (1.7)	▲
Portugal	86 (1.8)	▲
Lithuania	86 (1.6)	▲
Italy	85 (1.9)	▲
Chile	85 (1.7)	▲
Turkey	85 (1.5)	▲
Canada	85 (1.2)	▲
Ireland	84 (1.8)	▲
Netherlands	84 (1.6)	▲
New Zealand	83 (1.7)	▲
England	83 (1.7)	▲
Denmark	81 (2.1)	
Poland	81 (2.0)	▲
Spain	80 (1.5)	
Russian Federation	78 (1.8)	
Bahrain	78 (2.8)	
<b>International Avg.</b>	<b>77 (0.3)</b>	
Serbia	77 (2.2)	
Czech Republic	75 (2.2)	
Hungary	74 (2.3)	
Sweden	74 (2.3)	
Kazakhstan	74 (2.2)	
Qatar	73 (2.0)	▼
United Arab Emirates	73 (1.2)	▼
France	72 (2.1)	▼
Iran, Islamic Rep. of	70 (2.5)	▼
Oman	69 (1.6)	▼
Slovak Republic	64 (2.1)	▼
Indonesia	61 (2.5)	▼
Bulgaria	61 (3.0)	▼
Saudi Arabia	59 (2.1)	▼
Georgia	53 (2.7)	▼
Kuwait	53 (2.7)	▼
Croatia	46 (2.5)	▼
Germany	45 (2.5)	▼
Morocco	32 (2.6)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	96 (1.2)	▲
Florida, US	95 (1.3)	▲
Dubai, UAE	85 (1.2)	▲
Ontario, Canada	82 (1.7)	▲
Norway (4)	72 (2.1)	▼
Buenos Aires, Argentina	64 (2.6)	▼
Abu Dhabi, UAE	62 (2.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M07\_02 (M041007): Which could be Pat's number**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Chinese Taipei	78 (1.7)	▲
Hong Kong SAR	78 (2.0)	▲
Japan	75 (2.0)	▲
Korea, Rep. of	75 (2.0)	▲
Hungary	66 (2.0)	▲
Portugal	65 (2.4)	▲
Bulgaria	63 (2.6)	▲
Russian Federation	63 (2.1)	▲
Croatia	61 (2.6)	▲
Slovak Republic	60 (2.0)	▲
Northern Ireland	58 (2.8)	▲
Finland	58 (2.4)	▲
Kazakhstan	58 (2.7)	▲
France	57 (2.1)	▲
United States	57 (1.5)	▲
England	56 (2.1)	▲
Netherlands	56 (2.7)	
Norway (5)	56 (1.9)	▲
Sweden	55 (2.6)	
Czech Republic	55 (2.0)	▲
Germany	55 (2.3)	
Singapore	55 (1.9)	
Denmark	54 (2.3)	
Cyprus	53 (1.6)	
Serbia	53 (2.5)	
Belgium (Flemish)	53 (2.3)	
Spain	52 (1.8)	
<b>International Avg.</b>	<b>51 (0.3)</b>	
Australia	50 (2.2)	
Turkey	49 (2.3)	
Georgia	48 (2.7)	
Bahrain	47 (2.7)	
Poland	46 (2.2)	▼
Canada	46 (1.5)	▼
Lithuania	45 (2.8)	▼
Italy	44 (2.3)	▼
Slovenia	43 (2.5)	▼
Chile	42 (2.1)	▼
Ireland	39 (2.6)	▼
Oman	39 (1.8)	▼
New Zealand	39 (1.8)	▼
United Arab Emirates	36 (1.3)	▼
Iran, Islamic Rep. of	32 (2.7)	▼
Morocco	31 (2.3)	▼
Qatar	30 (2.2)	▼
Saudi Arabia	26 (1.9)	▼
Kuwait	22 (2.1)	▼
Indonesia	22 (2.5)	▼
<b>Benchmarking Participants</b>		
Florida, US	60 (3.4)	▲
Quebec, Canada	58 (3.8)	
Dubai, UAE	49 (2.0)	
Norway (4)	47 (2.5)	
Ontario, Canada	41 (2.1)	▼
Abu Dhabi, UAE	33 (1.8)	▼
Buenos Aires, Argentina	32 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M07\_03 (M041280): Number closest to 1362/ 32**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Chinese Taipei	78 (1.7)	▲
Hong Kong SAR	77 (3.2)	▲
Russian Federation	76 (1.5)	▲
Japan	73 (1.9)	▲
Korea, Rep. of	68 (2.2)	▲
Kazakhstan	67 (2.3)	▲
Bulgaria	66 (2.6)	▲
Singapore	65 (2.0)	▲
Serbia	58 (2.9)	▲
Spain	55 (2.3)	▲
Portugal	53 (2.5)	▲
Italy	53 (2.1)	▲
Lithuania	51 (2.5)	
Turkey	51 (1.9)	▲
Northern Ireland	50 (2.7)	
Poland	50 (2.3)	
Croatia	50 (2.8)	
Netherlands	49 (2.3)	
Hungary	49 (2.3)	
England	48 (2.4)	
United States	47 (1.5)	
<b>International Avg.</b>	<b>47 (0.3)</b>	
Denmark	46 (2.6)	
Norway (5)	46 (2.4)	
Georgia	44 (2.7)	
Sweden	43 (2.4)	
Slovak Republic	42 (1.8)	▼
Canada	41 (1.4)	▼
New Zealand	41 (2.4)	▼
Australia	41 (1.8)	▼
Belgium (Flemish)	40 (1.9)	▼
Finland	39 (2.5)	▼
Ireland	39 (2.2)	▼
Germany	39 (2.0)	▼
Czech Republic	38 (2.5)	▼
Cyprus	38 (1.7)	▼
Bahrain	38 (2.9)	▼
United Arab Emirates	38 (1.3)	▼
Qatar	36 (2.3)	▼
France	35 (2.6)	▼
Morocco	34 (2.1)	▼
Saudi Arabia	34 (2.3)	▼
Slovenia	33 (2.0)	▼
Oman	32 (1.6)	▼
Indonesia	31 (2.3)	▼
Chile	30 (1.8)	▼
Iran, Islamic Rep. of	27 (2.5)	▼
Kuwait	26 (2.0)	▼
<b>Benchmarking Participants</b>		
Florida, US	55 (3.1)	▲
Quebec, Canada	45 (3.5)	
Dubai, UAE	45 (1.6)	
Ontario, Canada	40 (2.0)	▼
Norway (4)	39 (2.6)	▼
Buenos Aires, Argentina	36 (2.5)	▼
Abu Dhabi, UAE	33 (2.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 () Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M07\_04 (M041059): Fraction of circles that are black**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	95 (1.2)	▲
Chinese Taipei	93 (1.2)	▲
Korea, Rep. of	92 (1.2)	▲
Singapore	91 (1.1)	▲
Japan	85 (1.4)	▲
United States	82 (1.1)	▲
Portugal	81 (1.7)	▲
Finland	78 (2.3)	▲
Norway (5)	78 (2.1)	▲
Ireland	78 (2.1)	▲
Northern Ireland	76 (2.1)	▲
Cyprus	72 (1.9)	▲
Poland	71 (2.8)	▲
Bahrain	70 (2.4)	▲
England	69 (2.4)	▲
Belgium (Flemish)	67 (1.9)	▲
Denmark	67 (2.2)	▲
Netherlands	65 (2.4)	▲
Italy	62 (2.8)	▲
New Zealand	62 (2.1)	▲
Canada	62 (1.4)	▲
Australia	62 (1.8)	▲
Spain	60 (1.9)	▲
Turkey	60 (2.1)	▲
Iran, Islamic Rep. of	60 (2.3)	▲
Qatar	58 (2.4)	
United Arab Emirates	56 (1.6)	
<b>International Avg.</b>	<b>55 (0.3)</b>	
Oman	54 (2.1)	
Chile	54 (2.3)	
Saudi Arabia	53 (2.4)	
Lithuania	53 (2.6)	
France	52 (3.0)	
Slovenia	48 (2.4)	▼
Serbia	45 (2.8)	▼
Kuwait	44 (2.5)	▼
Kazakhstan	43 (2.9)	▼
Russian Federation	39 (2.5)	▼
Hungary	34 (2.3)	▼
Sweden	31 (2.8)	▼
Czech Republic	23 (1.8)	▼
Slovak Republic	20 (2.0)	▼
Georgia	13 (2.2)	▼
Morocco	12 (1.8)	▼
Bulgaria	9 (1.6)	▼
Croatia	7 (1.6)	▼
Indonesia	7 (1.1)	▼
Germany	3 (0.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	80 (2.7)	▲
Quebec, Canada	79 (2.0)	▲
Dubai, UAE	72 (1.5)	▲
Ontario, Canada	55 (2.3)	
Norway (4)	41 (2.8)	▼
Abu Dhabi, UAE	41 (2.9)	▼
Buenos Aires, Argentina	30 (2.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M07\_05 (M041046): Which is the largest fraction**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Hong Kong SAR	93 (1.2)	▲
Ireland	90 (1.4)	▲
Singapore	85 (1.4)	▲
Belgium (Flemish)	82 (2.1)	▲
Northern Ireland	82 (2.4)	▲
Cyprus	78 (1.9)	▲
Norway (5)	74 (2.4)	▲
New Zealand	74 (2.3)	▲
United States	71 (1.5)	▲
Japan	71 (2.1)	▲
England	70 (2.1)	▲
Korea, Rep. of	67 (2.1)	▲
Serbia	67 (3.0)	▲
Chinese Taipei	66 (2.0)	▲
Finland	65 (2.7)	▲
Australia	63 (2.7)	▲
Portugal	62 (2.3)	▲
Lithuania	58 (2.8)	▲
Denmark	56 (2.8)	▲
Poland	53 (2.6)	
Russian Federation	53 (3.0)	
Slovenia	52 (2.3)	
Oman	51 (1.8)	
<b>International Avg.</b>	<b>50 (0.3)</b>	
Italy	46 (2.8)	
Turkey	45 (2.0)	▼
Sweden	44 (2.9)	▼
Canada	42 (1.9)	▼
Hungary	41 (2.7)	▼
Bahrain	41 (1.9)	▼
Kazakhstan	39 (3.3)	▼
Germany	37 (2.5)	▼
Czech Republic	35 (2.6)	▼
Netherlands	34 (2.7)	▼
United Arab Emirates	34 (1.2)	▼
Chile	33 (2.3)	▼
Qatar	31 (1.9)	▼
Spain	31 (2.3)	▼
Iran, Islamic Rep. of	30 (2.8)	▼
Georgia	30 (2.6)	▼
Indonesia	27 (2.6)	▼
Bulgaria	26 (2.5)	▼
Kuwait	26 (2.9)	▼
Saudi Arabia	25 (2.0)	▼
Morocco	24 (2.0)	▼
France	21 (2.3)	▼
Slovak Republic	19 (1.5)	▼
Croatia	12 (1.7)	▼
<b>Benchmarking Participants</b>		
Florida, US	81 (2.1)	▲
Quebec, Canada	54 (3.5)	
Dubai, UAE	49 (2.3)	
Norway (4)	41 (2.8)	▼
Ontario, Canada	39 (2.7)	▼
Abu Dhabi, UAE	32 (2.3)	▼
Buenos Aires, Argentina	28 (2.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M07\_06 (M041048): Height of wall made of 4 rows**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Singapore	81 (1.6)	▲
Korea, Rep. of	76 (1.5)	▲
Hong Kong SAR	76 (2.4)	▲
Kazakhstan	74 (2.3)	▲
Russian Federation	70 (2.2)	▲
Chinese Taipei	68 (2.2)	▲
Japan	67 (2.0)	▲
Norway (5)	60 (2.0)	▲
Bulgaria	57 (2.6)	▲
Serbia	57 (2.6)	▲
Lithuania	57 (2.5)	▲
Northern Ireland	57 (3.0)	▲
Denmark	57 (2.2)	▲
Ireland	56 (2.5)	▲
Belgium (Flemish)	55 (2.1)	▲
Finland	55 (2.5)	▲
Netherlands	55 (2.2)	▲
England	55 (2.1)	▲
Hungary	52 (2.4)	
New Zealand	51 (1.6)	
Germany	51 (2.3)	
Czech Republic	51 (2.3)	
<b>International Avg.</b>	<b>51 (0.3)</b>	
Poland	50 (2.4)	
Slovak Republic	49 (2.0)	
Cyprus	49 (2.3)	
Sweden	48 (2.4)	
United States	48 (1.6)	
Australia	47 (2.0)	
Portugal	46 (2.0)	▼
Turkey	46 (2.0)	▼
Canada	45 (1.5)	▼
Georgia	44 (3.0)	▼
Spain	43 (2.0)	▼
Italy	42 (2.5)	▼
Morocco	40 (2.4)	▼
Croatia	40 (2.3)	▼
France	40 (2.4)	▼
Bahrain	40 (2.6)	▼
United Arab Emirates	39 (1.1)	▼
Qatar	38 (1.9)	▼
Slovenia	36 (2.5)	▼
Indonesia	36 (2.1)	▼
Oman	35 (1.7)	▼
Chile	35 (2.0)	▼
Iran, Islamic Rep. of	34 (2.6)	▼
Saudi Arabia	33 (2.4)	▼
Kuwait	30 (2.1)	▼
<b>Benchmarking Participants</b>		
Florida, US	52 (2.5)	
Quebec, Canada	51 (2.7)	
Dubai, UAE	50 (1.7)	
Ontario, Canada	44 (2.3)	▼
Norway (4)	42 (2.4)	▼
Abu Dhabi, UAE	35 (2.4)	▼
Buenos Aires, Argentina	31 (2.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M07\_07 (M041169): Shape and its reflection**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Korea, Rep. of	93 (1.0)	▲
Hong Kong SAR	86 (1.7)	▲
Denmark	82 (2.3)	▲
Japan	80 (1.7)	▲
Chinese Taipei	75 (1.7)	▲
Northern Ireland	75 (2.5)	▲
Singapore	73 (1.7)	▲
England	73 (2.2)	▲
Norway (5)	72 (2.4)	▲
Finland	72 (1.7)	▲
Australia	71 (2.1)	▲
Netherlands	71 (2.0)	▲
Belgium (Flemish)	71 (1.9)	▲
Canada	69 (1.4)	▲
Sweden	68 (2.2)	▲
Germany	67 (2.0)	▲
New Zealand	67 (2.2)	▲
Ireland	66 (2.4)	▲
Turkey	65 (1.9)	▲
Poland	64 (2.4)	▲
Slovenia	63 (2.2)	
Kazakhstan	63 (2.3)	
United States	62 (1.5)	
Lithuania	61 (2.8)	
Portugal	60 (2.2)	
Hungary	59 (2.2)	
France	59 (2.4)	
Slovak Republic	59 (1.9)	
<b>International Avg.</b>	<b>59 (0.3)</b>	
Russian Federation	57 (2.7)	
Spain	57 (2.3)	
Cyprus	54 (2.2)	▼
Italy	53 (2.5)	▼
Bulgaria	53 (2.5)	▼
Bahrain	53 (1.9)	▼
Chile	53 (2.4)	▼
United Arab Emirates	47 (1.3)	▼
Serbia	45 (2.6)	▼
Czech Republic	43 (2.1)	▼
Indonesia	41 (2.4)	▼
Oman	39 (1.7)	▼
Qatar	39 (1.8)	▼
Croatia	37 (2.4)	▼
Morocco	36 (2.2)	▼
Iran, Islamic Rep. of	31 (3.1)	▼
Georgia	30 (2.4)	▼
Kuwait	27 (2.1)	▼
Saudi Arabia	25 (2.2)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	74 (2.4)	▲
Ontario, Canada	73 (1.9)	▲
Norway (4)	72 (2.6)	▲
Dubai, UAE	62 (1.5)	▲
Florida, US	60 (2.6)	
Abu Dhabi, UAE	43 (2.3)	▼
Buenos Aires, Argentina	30 (2.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M07\_08 (M041333): How many cubes are in the box**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Korea, Rep. of	79 (2.0)	▲
Netherlands	76 (2.3)	▲
Chinese Taipei	75 (2.0)	▲
Lithuania	66 (2.1)	▲
Germany	63 (2.2)	▲
Hong Kong SAR	63 (2.6)	▲
Belgium (Flemish)	61 (2.2)	▲
Cyprus	59 (2.0)	▲
Russian Federation	59 (2.0)	▲
Australia	59 (2.1)	▲
Japan	57 (2.2)	▲
Denmark	53 (2.0)	▲
Norway (5)	53 (2.4)	▲
Slovak Republic	53 (2.3)	▲
Hungary	51 (1.9)	▲
Portugal	50 (2.7)	▲
Northern Ireland	50 (2.9)	▲
Singapore	49 (2.1)	▲
Sweden	49 (2.5)	▲
Czech Republic	47 (2.2)	
Finland	46 (2.3)	
Kazakhstan	45 (3.1)	
New Zealand	45 (2.1)	
Poland	43 (2.3)	
Slovenia	43 (2.1)	
<b>International Avg.</b>	<b>43 (0.3)</b>	
Serbia	42 (2.6)	
Ireland	39 (2.4)	
Canada	39 (1.5)	▼
Bahrain	39 (2.2)	
England	39 (2.0)	▼
Bulgaria	38 (2.4)	
United States	36 (1.4)	▼
Saudi Arabia	33 (1.9)	▼
France	30 (2.6)	▼
Chile	28 (1.9)	▼
Turkey	28 (1.6)	▼
Spain	26 (1.7)	▼
Italy	25 (2.1)	▼
Oman	24 (1.4)	▼
Morocco	23 (1.9)	▼
Georgia	23 (2.2)	▼
United Arab Emirates	23 (1.1)	▼
Croatia	22 (1.8)	▼
Iran, Islamic Rep. of	19 (2.3)	▼
Qatar	17 (1.6)	▼
Kuwait	15 (1.8)	▼
Indonesia	11 (1.6)	▼
<b>Benchmarking Participants</b>		
Norway (4)	49 (2.4)	▲
Quebec, Canada	48 (3.5)	
Ontario, Canada	35 (1.9)	▼
Florida, US	34 (3.2)	▼
Dubai, UAE	32 (2.0)	▼
Abu Dhabi, UAE	19 (2.0)	▼
Buenos Aires, Argentina	17 (2.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M07\_09 (M041262): What is the area of the triangle**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Hong Kong SAR	84 (3.1)	▲
Chinese Taipei	79 (1.8)	▲
Denmark	70 (2.1)	▲
Japan	63 (2.3)	▲
Northern Ireland	63 (3.0)	▲
Norway (5)	61 (2.4)	▲
Netherlands	57 (2.7)	▲
Belgium (Flemish)	56 (2.2)	▲
Russian Federation	54 (2.7)	▲
Australia	51 (2.6)	▲
Canada	49 (1.4)	▲
Singapore	49 (1.6)	▲
Cyprus	48 (2.4)	▲
Hungary	47 (2.7)	▲
Ireland	46 (2.6)	▲
Kazakhstan	43 (2.6)	
Germany	43 (2.1)	
Bahrain	43 (1.9)	
Oman	41 (1.7)	
International Avg.	40 (0.3)	
Portugal	40 (2.4)	
England	38 (2.4)	
Turkey	38 (2.1)	
Serbia	38 (2.1)	
Sweden	37 (2.3)	
United States	36 (1.9)	▼
Qatar	34 (1.9)	▼
Finland	34 (2.1)	▼
Lithuania	32 (2.5)	▼
Czech Republic	32 (2.2)	▼
Saudi Arabia	32 (2.3)	▼
United Arab Emirates	31 (1.3)	▼
Iran, Islamic Rep. of	31 (3.1)	▼
Bulgaria	31 (2.5)	▼
Spain	30 (2.0)	▼
Morocco	30 (2.5)	▼
Slovenia	29 (2.2)	▼
France	29 (2.2)	▼
Georgia	29 (1.8)	▼
New Zealand	28 (1.8)	▼
Italy	28 (2.1)	▼
Poland	27 (2.3)	▼
Indonesia	26 (1.9)	▼
Slovak Republic	24 (1.9)	▼
Chile	20 (1.8)	▼
Croatia	20 (1.8)	▼
Kuwait	19 (1.8)	▼
Korea, Rep. of	14 (1.7)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	57 (3.6)	▲
Norway (4)	56 (2.9)	▲
Ontario, Canada	51 (2.4)	▲
Dubai, UAE	41 (1.4)	
Florida, US	29 (3.1)	▼
Abu Dhabi, UAE	24 (1.9)	▼
Buenos Aires, Argentina	14 (1.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M07\_10 (M041267): Draw line with given specification**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	67 (1.8)	▲
Chinese Taipei	65 (2.3)	▲
Hong Kong SAR	59 (2.4)	▲
Belgium (Flemish)	58 (2.3)	▲
Japan	52 (2.2)	▲
Netherlands	52 (2.6)	▲
Singapore	51 (1.9)	▲
Denmark	51 (2.3)	▲
Croatia	47 (2.0)	▲
Russian Federation	47 (2.4)	▲
Norway (5)	45 (2.6)	▲
Poland	45 (2.4)	▲
Serbia	43 (2.7)	▲
Slovenia	41 (2.3)	▲
England	39 (2.2)	▲
Kazakhstan	38 (2.9)	
Iran, Islamic Rep. of	37 (2.7)	
Portugal	37 (2.0)	
Czech Republic	36 (2.1)	
Hungary	35 (2.0)	
United States	35 (1.4)	
Northern Ireland	35 (2.5)	
France	34 (2.3)	
Finland	34 (2.3)	
Bulgaria	34 (3.2)	
<b>International Avg.</b>	<b>34 (0.3)</b>	
New Zealand	31 (1.9)	
Sweden	30 (2.7)	
Slovak Republic	28 (1.9)	▼
Ireland	28 (2.1)	▼
Oman	28 (1.5)	▼
Italy	27 (2.1)	▼
Canada	26 (1.4)	▼
Saudi Arabia	25 (2.6)	▼
Turkey	23 (1.4)	▼
Cyprus	22 (1.9)	▼
Lithuania	22 (2.1)	▼
Australia	21 (1.6)	▼
Qatar	21 (2.1)	▼
United Arab Emirates	21 (1.1)	▼
Chile	20 (1.6)	▼
Germany	19 (1.8)	▼
Bahrain	17 (1.8)	▼
Spain	16 (1.6)	▼
Georgia	14 (2.2)	▼
Morocco	10 (1.4)	▼
Kuwait	9 (1.1)	▼
Indonesia	9 (1.4)	▼
<b>Benchmarking Participants</b>		
Norway (4)	39 (2.3)	▲
Quebec, Canada	34 (3.5)	
Florida, US	30 (3.6)	
Dubai, UAE	29 (1.6)	▼
Ontario, Canada	23 (1.9)	▼
Abu Dhabi, UAE	15 (1.7)	▼
Buenos Aires, Argentina	15 (2.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M07\_11 (M041177): How many years older is Juan**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Korea, Rep. of	93 (1.0)	▲
Hong Kong SAR	92 (1.3)	▲
Singapore	91 (1.1)	▲
Northern Ireland	88 (1.8)	▲
Russian Federation	88 (1.2)	▲
Chinese Taipei	88 (1.5)	▲
Ireland	86 (1.7)	▲
Norway (5)	85 (1.9)	▲
Czech Republic	85 (1.3)	▲
Belgium (Flemish)	85 (1.6)	▲
Poland	84 (1.5)	▲
Lithuania	83 (1.9)	▲
Germany	83 (1.5)	▲
Finland	82 (1.8)	▲
Sweden	82 (2.0)	▲
Serbia	82 (1.9)	▲
Kazakhstan	81 (1.8)	▲
Slovenia	79 (1.8)	▲
Portugal	79 (1.5)	▲
England	79 (1.8)	▲
Japan	78 (1.9)	▲
Hungary	77 (2.5)	▲
United States	77 (1.3)	▲
Australia	76 (1.8)	▲
Cyprus	76 (1.8)	▲
Spain	75 (1.9)	▲
Bulgaria	74 (2.4)	▲
Canada	74 (1.2)	▲
New Zealand	68 (2.2)	
<b>International Avg.</b>	<b>66 (0.3)</b>	
France	63 (2.4)	
Chile	58 (2.0)	▼
Bahrain	57 (3.2)	▼
Iran, Islamic Rep. of	50 (2.6)	▼
United Arab Emirates	47 (1.3)	▼
Qatar	46 (2.2)	▼
Oman	45 (1.5)	▼
Netherlands	38 (1.8)	▼
Morocco	37 (2.1)	▼
Turkey	37 (2.0)	▼
Slovak Republic	36 (2.1)	▼
Italy	36 (2.3)	▼
Saudi Arabia	36 (2.2)	▼
Kuwait	34 (2.6)	▼
Denmark	30 (2.0)	▼
Croatia	28 (2.0)	▼
Georgia	27 (1.9)	▼
Indonesia	24 (2.1)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	80 (2.5)	▲
Florida, US	78 (2.7)	▲
Ontario, Canada	75 (1.8)	▲
Norway (4)	74 (1.9)	▲
Dubai, UAE	59 (1.9)	▼
Abu Dhabi, UAE	40 (2.3)	▼
Buenos Aires, Argentina	27 (2.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M07\_12 (M041271): Selecting correct bar graph**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Japan	90 (1.2)	▲
Korea, Rep. of	89 (1.5)	▲
Hong Kong SAR	87 (2.2)	▲
Chinese Taipei	86 (1.4)	▲
Northern Ireland	85 (1.7)	▲
Singapore	82 (1.3)	▲
England	81 (1.7)	▲
Norway (5)	81 (2.0)	▲
United States	80 (1.2)	▲
Ireland	80 (1.8)	▲
Russian Federation	80 (1.8)	▲
Slovenia	79 (1.9)	▲
Poland	78 (2.0)	▲
Canada	78 (1.3)	▲
Australia	77 (1.9)	▲
Denmark	77 (1.9)	▲
Sweden	76 (2.2)	▲
Italy	76 (2.1)	▲
Lithuania	75 (1.8)	▲
Finland	75 (2.2)	▲
Portugal	74 (1.8)	▲
Belgium (Flemish)	74 (2.0)	▲
Cyprus	73 (1.9)	
Kazakhstan	73 (2.2)	
Croatia	73 (2.6)	
Czech Republic	73 (1.8)	
Bulgaria	73 (2.5)	
Serbia	72 (1.8)	
Netherlands	71 (2.2)	
Slovak Republic	71 (2.0)	
Spain	70 (2.4)	
New Zealand	70 (1.8)	
International Avg.	70 (0.3)	
Germany	69 (1.8)	
Turkey	69 (2.0)	
Bahrain	66 (3.5)	
Hungary	65 (2.2)	
France	61 (2.1)	▼
Chile	59 (2.1)	▼
Qatar	56 (2.0)	▼
Georgia	55 (2.6)	▼
United Arab Emirates	54 (1.3)	▼
Oman	50 (1.6)	▼
Saudi Arabia	41 (2.6)	▼
Indonesia	41 (2.6)	▼
Iran, Islamic Rep. of	40 (2.9)	▼
Morocco	33 (2.2)	▼
Kuwait	29 (2.0)	▼
<b>Benchmarking Participants</b>		
Ontario, Canada	79 (1.7)	▲
Florida, US	77 (2.8)	▲
Quebec, Canada	77 (2.5)	▲
Norway (4)	69 (2.6)	
Dubai, UAE	68 (1.5)	
Abu Dhabi, UAE	42 (2.5)	▼
Buenos Aires, Argentina	23 (2.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M07\_13A (M041276A): Who won the Triathlon**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Chinese Taipei	84 (1.6)	▲
Hong Kong SAR	76 (2.3)	▲
Korea, Rep. of	76 (1.8)	▲
Singapore	72 (1.9)	▲
Japan	71 (1.9)	▲
Russian Federation	66 (2.1)	▲
Czech Republic	65 (2.0)	▲
Ireland	63 (2.5)	▲
Poland	60 (2.4)	▲
Hungary	59 (2.2)	▲
Northern Ireland	59 (3.3)	▲
Germany	59 (2.1)	▲
Slovenia	58 (2.1)	▲
Denmark	57 (2.5)	▲
Serbia	57 (2.6)	▲
Portugal	56 (2.2)	▲
United States	56 (1.5)	▲
England	55 (2.4)	▲
Norway (5)	55 (2.8)	▲
Netherlands	54 (2.1)	▲
Belgium (Flemish)	52 (2.2)	▲
Lithuania	52 (2.7)	
Spain	51 (2.4)	
Finland	51 (2.5)	
Italy	50 (2.5)	
Kazakhstan	50 (2.9)	
Slovak Republic	49 (2.1)	
Bulgaria	49 (3.1)	
Canada	48 (1.9)	
Cyprus	48 (2.1)	
International Avg.	48 (0.3)	
Sweden	46 (3.0)	
Croatia	46 (2.3)	
New Zealand	44 (2.0)	
Australia	43 (2.3)	
Turkey	38 (2.2)	▼
France	36 (2.3)	▼
Chile	33 (2.1)	▼
United Arab Emirates	30 (1.2)	▼
Georgia	27 (2.2)	▼
Bahrain	27 (3.5)	▼
Qatar	27 (2.0)	▼
Iran, Islamic Rep. of	21 (1.9)	▼
Oman	18 (1.2)	▼
Saudi Arabia	17 (1.9)	▼
Morocco	13 (1.9)	▼
Indonesia	11 (1.7)	▼
Kuwait	7 (1.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	56 (2.8)	▲
Quebec, Canada	56 (3.5)	▲
Dubai, UAE	47 (2.0)	
Ontario, Canada	46 (2.2)	
Norway (4)	44 (2.7)	
Buenos Aires, Argentina	29 (2.2)	▼
Abu Dhabi, UAE	19 (1.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M07\_13B (M041276B): What Sue needs to improve on  
Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	77 (1.7)	▲
Japan	68 (1.9)	▲
Singapore	64 (1.8)	▲
Chinese Taipei	63 (2.1)	▲
Hong Kong SAR	59 (2.4)	▲
Norway (5)	54 (2.3)	▲
Finland	54 (2.5)	▲
Poland	49 (2.8)	▲
Slovenia	48 (2.2)	▲
Canada	48 (1.9)	▲
Czech Republic	44 (2.0)	▲
Ireland	43 (2.8)	▲
United States	43 (1.6)	▲
Sweden	42 (2.3)	▲
England	42 (2.3)	▲
Russian Federation	41 (2.3)	▲
Germany	39 (2.2)	▲
Serbia	38 (1.9)	▲
Hungary	36 (2.1)	
Lithuania	36 (2.0)	
Northern Ireland	35 (2.2)	
<b>International Avg.</b>	<b>34 (0.3)</b>	
Australia	33 (2.2)	
Belgium (Flemish)	32 (2.1)	
Cyprus	31 (1.7)	
Kazakhstan	30 (2.6)	
Spain	29 (1.9)	▼
Slovak Republic	29 (1.6)	▼
Netherlands	28 (2.3)	▼
New Zealand	28 (1.7)	▼
Italy	28 (1.8)	▼
Portugal	27 (1.7)	▼
Croatia	27 (2.0)	▼
Bulgaria	27 (2.4)	▼
Denmark	25 (2.1)	▼
France	25 (1.8)	▼
Turkey	24 (1.7)	▼
Oman	20 (1.3)	▼
United Arab Emirates	20 (1.0)	▼
Bahrain	18 (1.8)	▼
Qatar	16 (1.8)	▼
Georgia	16 (1.8)	▼
Chile	15 (1.3)	▼
Saudi Arabia	14 (1.3)	▼
Indonesia	14 (1.6)	▼
Iran, Islamic Rep. of	10 (1.6)	▼
Morocco	9 (1.3)	▼
Kuwait	2 (0.8)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	55 (3.8)	▲
Ontario, Canada	48 (2.2)	▲
Florida, US	40 (4.1)	
Dubai, UAE	36 (1.9)	
Norway (4)	32 (2.3)	
Abu Dhabi, UAE	14 (1.4)	▼
Buenos Aires, Argentina	13 (2.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M08\_01 (M061026): 8 thousands + 4 hundreds + 5 ones**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Chinese Taipei	95 (1.0)	▲
Japan	94 (1.0)	▲
Korea, Rep. of	94 (0.9)	▲
Singapore	93 (0.8)	▲
Germany	88 (1.3)	▲
Lithuania	88 (1.5)	▲
Russian Federation	88 (1.1)	▲
Netherlands	87 (1.6)	▲
Belgium (Flemish)	85 (1.5)	▲
Hong Kong SAR	85 (1.8)	▲
United States	84 (1.1)	▲
Hungary	84 (1.6)	▲
Northern Ireland	83 (2.1)	▲
Czech Republic	83 (1.9)	▲
Finland	80 (1.7)	▲
Slovak Republic	80 (1.6)	▲
Norway (5)	79 (1.7)	▲
Slovenia	78 (2.1)	▲
England	77 (2.2)	▲
Denmark	77 (2.0)	▲
Kazakhstan	76 (2.3)	
Serbia	76 (2.6)	
Italy	76 (2.1)	
Portugal	75 (1.9)	
Ireland	73 (2.1)	
Poland	73 (2.1)	
Sweden	73 (2.5)	
<b>International Avg.</b>	<b>72 (0.3)</b>	
Canada	70 (1.4)	
Bulgaria	69 (2.6)	
France	69 (2.4)	
Spain	68 (2.0)	▼
Cyprus	67 (1.9)	▼
Australia	67 (1.8)	▼
Chile	64 (2.0)	▼
Croatia	62 (2.5)	▼
Turkey	62 (2.0)	▼
United Arab Emirates	61 (1.2)	▼
New Zealand	60 (1.7)	▼
Oman	58 (1.6)	▼
Georgia	58 (2.7)	▼
Bahrain	57 (3.0)	▼
Qatar	53 (2.0)	▼
Morocco	50 (2.1)	▼
Iran, Islamic Rep. of	46 (2.6)	▼
Saudi Arabia	44 (2.1)	▼
Kuwait	42 (2.5)	▼
Indonesia	36 (2.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	87 (1.3)	▲
Quebec, Canada	87 (1.9)	▲
Norway (4)	72 (2.1)	
Dubai, UAE	71 (1.8)	
Ontario, Canada	66 (1.8)	▼
Buenos Aires, Argentina	60 (3.0)	▼
Abu Dhabi, UAE	54 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M08\_02 (M061273): 27 x 43 =**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Chinese Taipei	94 (1.2)	▲
Japan	90 (1.1)	▲
Hong Kong SAR	90 (1.7)	▲
Russian Federation	88 (1.7)	▲
Singapore	87 (1.4)	▲
Kazakhstan	86 (1.7)	▲
Bulgaria	80 (2.0)	▲
Korea, Rep. of	79 (2.2)	▲
Lithuania	78 (2.0)	▲
Turkey	77 (1.6)	▲
Portugal	77 (2.0)	▲
Serbia	76 (2.3)	▲
Spain	72 (1.9)	▲
Italy	71 (2.1)	▲
United States	70 (1.7)	▲
Croatia	70 (2.2)	▲
Hungary	63 (2.3)	▲
Ireland	62 (3.2)	▲
Northern Ireland	59 (3.0)	▲
Georgia	59 (2.9)	▲
<b>International Avg.</b>	<b>51 (0.3)</b>	
England	50 (2.7)	
Czech Republic	49 (2.1)	
Qatar	46 (2.5)	
Morocco	46 (2.5)	▼
Iran, Islamic Rep. of	44 (2.7)	▼
Indonesia	44 (2.6)	▼
United Arab Emirates	43 (1.3)	▼
Germany	43 (2.2)	▼
France	41 (2.5)	▼
Cyprus	38 (2.8)	▼
Oman	37 (1.8)	▼
Denmark	37 (2.5)	▼
Poland	35 (2.3)	▼
Bahrain	30 (1.9)	▼
Netherlands	28 (2.3)	▼
Belgium (Flemish)	27 (2.4)	▼
Slovak Republic	27 (2.2)	▼
Canada	26 (1.3)	▼
Chile	25 (2.4)	▼
Slovenia	25 (2.1)	▼
Norway (5)	22 (2.1)	▼
Australia	21 (2.1)	▼
Saudi Arabia	21 (2.0)	▼
Finland	18 (1.8)	▼
Sweden	18 (2.0)	▼
Kuwait	17 (1.9)	▼
New Zealand	16 (1.6)	▼
<b>Benchmarking Participants</b>		
Florida, US	73 (3.0)	▲
Dubai, UAE	57 (1.4)	▲
Buenos Aires, Argentina	44 (2.6)	▼
Quebec, Canada	33 (3.2)	▼
Abu Dhabi, UAE	33 (2.1)	▼
Ontario, Canada	25 (1.8)	▼
Norway (4)	17 (1.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M08\_03 (M061034): Number of people that got off the train**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Singapore	63 (2.0)	▲
Korea, Rep. of	63 (2.3)	▲
Hong Kong SAR	57 (2.7)	▲
Kazakhstan	53 (3.0)	▲
Chinese Taipei	51 (2.4)	▲
Russian Federation	51 (2.3)	▲
Japan	46 (1.9)	▲
Netherlands	45 (2.4)	▲
Czech Republic	44 (2.4)	▲
Serbia	41 (2.4)	▲
Bulgaria	40 (2.8)	▲
Ireland	39 (2.3)	▲
Northern Ireland	39 (2.5)	▲
England	38 (2.2)	▲
Belgium (Flemish)	38 (2.0)	▲
Poland	37 (2.6)	▲
Hungary	37 (1.9)	▲
Germany	37 (2.1)	▲
Norway (5)	35 (2.7)	
Lithuania	33 (2.5)	
Turkey	33 (1.9)	
Finland	33 (2.4)	
Denmark	32 (2.2)	
Sweden	32 (2.2)	
Croatia	31 (2.0)	
International Avg.	31 (0.3)	
Spain	31 (1.9)	
United States	29 (1.2)	
Slovenia	29 (1.9)	
Slovak Republic	28 (1.9)	
Cyprus	28 (1.8)	
Australia	25 (1.8)	▼
Georgia	25 (2.4)	▼
Portugal	24 (1.8)	▼
New Zealand	22 (1.6)	▼
Italy	22 (2.2)	▼
Canada	21 (1.2)	▼
France	19 (1.7)	▼
United Arab Emirates	15 (0.9)	▼
Iran, Islamic Rep. of	14 (1.8)	▼
Bahrain	13 (1.7)	▼
Indonesia	13 (1.5)	▼
Qatar	12 (1.4)	▼
Chile	11 (1.4)	▼
Saudi Arabia	10 (1.5)	▼
Oman	9 (1.0)	▼
Morocco	5 (1.0)	▼
Kuwait	4 (0.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	29 (2.5)	
Dubai, UAE	26 (1.7)	▼
Norway (4)	25 (2.1)	▼
Quebec, Canada	23 (2.6)	▼
Ontario, Canada	20 (1.9)	▼
Buenos Aires, Argentina	11 (1.5)	▼
Abu Dhabi, UAE	11 (1.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M08\_04 (M061040): Shaded fraction of a square**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Hong Kong SAR	79 (1.9)	▲
Korea, Rep. of	75 (1.7)	▲
Japan	75 (1.8)	▲
Singapore	73 (1.8)	▲
Chinese Taipei	66 (1.9)	▲
Northern Ireland	57 (2.3)	▲
Kazakhstan	56 (2.3)	▲
Finland	55 (2.0)	▲
Cyprus	54 (2.3)	▲
Poland	54 (2.8)	▲
Ireland	53 (2.5)	▲
Turkey	53 (2.1)	▲
Denmark	53 (2.7)	▲
Russian Federation	52 (2.0)	▲
Netherlands	51 (2.1)	▲
Belgium (Flemish)	51 (2.5)	▲
Norway (5)	50 (2.9)	▲
United States	49 (1.5)	▲
Australia	49 (2.7)	▲
Hungary	49 (2.3)	▲
Slovenia	46 (2.2)	
England	45 (2.3)	
New Zealand	45 (1.9)	
Sweden	43 (2.4)	
<b>International Avg.</b>	<b>43 (0.3)</b>	
Portugal	43 (1.8)	
Canada	40 (1.8)	
Iran, Islamic Rep. of	38 (2.3)	▼
Serbia	38 (2.4)	▼
Czech Republic	38 (2.3)	▼
Oman	33 (1.6)	▼
Spain	33 (1.9)	▼
Lithuania	32 (2.5)	▼
Italy	32 (2.1)	▼
Germany	32 (2.0)	▼
Bulgaria	32 (2.8)	▼
France	31 (1.9)	▼
United Arab Emirates	29 (1.1)	▼
Chile	27 (2.0)	▼
Indonesia	27 (2.1)	▼
Slovak Republic	26 (1.8)	▼
Croatia	26 (2.7)	▼
Georgia	26 (2.5)	▼
Morocco	25 (2.3)	▼
Qatar	25 (1.6)	▼
Saudi Arabia	25 (1.6)	▼
Bahrain	20 (1.6)	▼
Kuwait	17 (1.8)	▼
<b>Benchmarking Participants</b>		
Florida, US	55 (3.0)	▲
Quebec, Canada	45 (2.8)	
Dubai, UAE	41 (1.5)	
Ontario, Canada	39 (2.0)	▼
Norway (4)	37 (2.5)	▼
Abu Dhabi, UAE	25 (2.1)	▼
Buenos Aires, Argentina	21 (2.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M08\_05 (M061228): Art teacher cuts paper for her class**  
**Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Korea, Rep. of	68 (2.1) ▲	69 (1.9) ▲
Japan	54 (2.2) ▲	65 (2.1) ▲
Singapore	44 (2.1) ▲	56 (2.1) ▲
Chinese Taipei	41 (2.0) ▲	56 (2.0) ▲
Northern Ireland	39 (2.8) ▲	60 (3.1) ▲
Hong Kong SAR	38 (2.7) ▲	59 (2.3) ▲
United States	30 (1.3) ▲	48 (1.6) ▲
England	29 (1.9) ▲	47 (2.1) ▲
Russian Federation	27 (2.5) ▲	49 (2.5) ▲
Portugal	26 (1.7) ▲	41 (1.9) ▲
Netherlands	23 (2.0) ▲	45 (2.4) ▲
Norway (5)	23 (2.1) ▲	46 (2.4) ▲
Sweden	22 (1.9)	42 (2.6) ▲
Kazakhstan	20 (2.2)	44 (3.1) ▲
Australia	20 (1.9)	45 (2.9) ▲
Canada	18 (1.2)	41 (1.6) ▲
Ireland	18 (1.8)	44 (2.5) ▲
International Avg.	18 (0.2)	34 (0.3)
Turkey	18 (1.5)	22 (1.6) ▼
Hungary	17 (1.4)	38 (2.2) ▲
Slovenia	16 (1.7)	30 (1.9)
France	16 (1.7)	37 (2.5)
Serbia	15 (1.8)	26 (2.2) ▼
Finland	15 (1.7) ▼	36 (2.1)
Bulgaria	14 (1.7) ▼	26 (2.9) ▼
Slovak Republic	14 (1.5) ▼	27 (1.9) ▼
Denmark	14 (1.8) ▼	39 (2.4) ▲
Czech Republic	13 (1.5) ▼	32 (2.1)
Lithuania	13 (1.8) ▼	32 (2.4)
Cyprus	13 (1.5) ▼	25 (2.2) ▼
Poland	12 (1.5) ▼	39 (2.4) ▲
Georgia	12 (1.8) ▼	23 (2.7) ▼
New Zealand	11 (1.3) ▼	37 (1.6) ▲
Croatia	11 (1.2) ▼	18 (1.7) ▼
Italy	10 (1.5) ▼	25 (2.4) ▼
Germany	10 (1.1) ▼	25 (2.0) ▼
Belgium (Flemish)	9 (1.3) ▼	33 (2.0)
Spain	9 (1.1) ▼	21 (1.7) ▼
United Arab Emirates	9 (0.7) ▼	22 (0.9) ▼
Bahrain	9 (1.3) ▼	21 (1.6) ▼
Chile	9 (1.2) ▼	20 (1.7) ▼
Oman	9 (1.0) ▼	17 (1.5) ▼
Qatar	7 (1.0) ▼	17 (1.5) ▼
Iran, Islamic Rep. of	5 (1.3) ▼	14 (1.9) ▼
Indonesia	2 (0.7) ▼	6 (1.1) ▼
Kuwait	1 (0.6) ▼	6 (1.2) ▼
Saudi Arabia	1 (0.4) ▼	5 (0.8) ▼
Morocco	1 (0.3) ▼	6 (1.5) ▼
<b>Benchmarking Participants</b>		
Florida, US	28 (2.7) ▲	52 (3.4) ▲
Quebec, Canada	21 (2.2)	45 (3.2) ▲
Ontario, Canada	21 (1.7)	44 (2.3) ▲
Dubai, UAE	18 (1.7)	35 (1.9)
Norway (4)	14 (1.7) ▼	33 (2.4)
Buenos Aires, Argentina	10 (1.6) ▼	22 (2.5) ▼
Abu Dhabi, UAE	3 (0.9) ▼	17 (1.6) ▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M08\_06 (M061166): Find the value of w in a subtraction sentence**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	94 (1.1)	▲
Korea, Rep. of	90 (1.7)	▲
Singapore	89 (1.4)	▲
Finland	89 (1.4)	▲
Cyprus	80 (1.7)	▲
Poland	78 (1.7)	▲
Sweden	76 (2.1)	▲
Japan	75 (1.7)	▲
Netherlands	72 (2.4)	▲
England	71 (2.2)	▲
Lithuania	70 (2.2)	▲
Northern Ireland	69 (2.6)	▲
Serbia	68 (2.3)	▲
Denmark	68 (2.1)	▲
Portugal	67 (1.7)	▲
Chinese Taipei	66 (2.1)	▲
Belgium (Flemish)	65 (1.8)	▲
Norway (5)	64 (2.5)	▲
Bulgaria	64 (3.1)	
United States	63 (1.4)	▲
Russian Federation	62 (2.5)	
Hungary	62 (2.2)	
Croatia	62 (2.5)	
Ireland	61 (2.8)	
Australia	59 (2.1)	
Slovak Republic	59 (2.0)	
Slovenia	58 (2.3)	
Czech Republic	58 (2.1)	
<b>International Avg.</b>	<b>58 (0.3)</b>	
New Zealand	55 (2.0)	
Canada	55 (1.5)	
France	54 (2.6)	
Spain	52 (2.3)	▼
Germany	51 (2.0)	▼
Italy	51 (2.9)	▼
Kazakhstan	50 (2.8)	▼
Bahrain	49 (2.0)	▼
Turkey	46 (2.1)	▼
Georgia	43 (2.6)	▼
United Arab Emirates	39 (1.1)	▼
Indonesia	33 (2.6)	▼
Chile	33 (1.9)	▼
Oman	30 (1.7)	▼
Qatar	30 (2.0)	▼
Saudi Arabia	26 (2.1)	▼
Kuwait	24 (2.2)	▼
Iran, Islamic Rep. of	22 (2.0)	▼
Morocco	18 (1.9)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	66 (3.1)	▲
Florida, US	60 (3.4)	
Dubai, UAE	57 (1.5)	
Ontario, Canada	53 (2.1)	▼
Norway (4)	51 (2.4)	▼
Buenos Aires, Argentina	31 (2.6)	▼
Abu Dhabi, UAE	30 (2.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M08\_07 (M061171): Total number of trading cards Mona and Ben bought**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Korea, Rep. of	91 (1.3)	▲
Hong Kong SAR	90 (1.4)	▲
Russian Federation	90 (1.4)	▲
Chinese Taipei	88 (1.4)	▲
Bulgaria	85 (2.0)	▲
Singapore	85 (1.4)	▲
Japan	84 (1.5)	▲
Lithuania	83 (1.9)	▲
Poland	82 (1.9)	▲
Slovenia	82 (1.7)	▲
Czech Republic	81 (1.8)	▲
Kazakhstan	80 (2.0)	▲
Northern Ireland	80 (2.1)	▲
Ireland	80 (1.8)	▲
Cyprus	79 (1.8)	▲
Serbia	78 (2.0)	▲
United States	77 (1.0)	▲
Belgium (Flemish)	76 (1.7)	▲
Finland	75 (2.2)	▲
Netherlands	74 (2.1)	▲
Portugal	74 (1.8)	▲
Hungary	73 (2.0)	▲
Slovak Republic	71 (1.8)	
Norway (5)	71 (2.1)	
Spain	69 (2.2)	
England	69 (1.9)	
<b>International Avg.</b>	<b>69 (0.3)</b>	
Australia	67 (2.0)	
Sweden	66 (2.4)	
Canada	66 (1.3)	
Croatia	66 (2.3)	
New Zealand	64 (1.5)	▼
Denmark	64 (2.2)	
Germany	64 (1.8)	▼
Italy	64 (2.3)	▼
France	64 (2.4)	▼
Turkey	60 (2.1)	▼
Iran, Islamic Rep. of	59 (2.0)	▼
Georgia	57 (2.5)	▼
Bahrain	52 (2.0)	▼
United Arab Emirates	52 (1.3)	▼
Chile	50 (2.3)	▼
Indonesia	47 (3.1)	▼
Qatar	47 (2.0)	▼
Oman	44 (1.3)	▼
Saudi Arabia	41 (2.0)	▼
Kuwait	37 (2.7)	▼
Morocco	27 (1.8)	▼
<b>Benchmarking Participants</b>		
Florida, US	79 (2.6)	▲
Quebec, Canada	76 (2.5)	▲
Dubai, UAE	66 (1.9)	
Ontario, Canada	64 (1.8)	▼
Norway (4)	53 (2.2)	▼
Buenos Aires, Argentina	49 (2.7)	▼
Abu Dhabi, UAE	46 (2.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M08\_08 (M061080): Mark an X on parallel sides of trapezoid**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	92 (1.3)	▲
Singapore	81 (1.6)	▲
Chinese Taipei	76 (2.2)	▲
Hong Kong SAR	72 (2.5)	▲
Belgium (Flemish)	68 (2.4)	▲
Japan	65 (2.0)	▲
Czech Republic	58 (2.4)	▲
Hungary	50 (2.6)	▲
Ireland	49 (2.6)	▲
United States	47 (1.5)	▲
Kazakhstan	47 (3.2)	▲
Portugal	47 (1.8)	▲
Spain	46 (2.4)	▲
Norway (5)	43 (3.0)	▲
Cyprus	43 (2.4)	▲
Germany	41 (2.5)	
Denmark	41 (2.7)	
Croatia	39 (2.3)	
Bulgaria	39 (2.3)	
Poland	39 (2.6)	
Canada	39 (1.6)	
France	38 (2.5)	
Northern Ireland	38 (2.8)	
Slovenia	37 (2.7)	
Italy	37 (2.6)	
<b>International Avg.</b>	<b>36 (0.3)</b>	
Serbia	35 (2.3)	
Australia	35 (2.6)	
England	34 (2.3)	
Russian Federation	33 (2.1)	
Finland	33 (2.2)	
Iran, Islamic Rep. of	25 (2.6)	▼
United Arab Emirates	24 (1.2)	▼
Slovak Republic	21 (1.7)	▼
Oman	21 (1.6)	▼
New Zealand	21 (1.6)	▼
Sweden	20 (2.4)	▼
Turkey	17 (1.9)	▼
Morocco	15 (2.2)	▼
Chile	15 (1.6)	▼
Qatar	15 (1.6)	▼
Bahrain	14 (1.5)	▼
Georgia	13 (2.0)	▼
Lithuania	11 (1.4)	▼
Kuwait	9 (1.3)	▼
Netherlands	7 (1.3)	▼
Indonesia	6 (1.1)	▼
Saudi Arabia	4 (1.1)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	63 (3.2)	▲
Florida, US	44 (3.0)	▲
Ontario, Canada	36 (2.2)	
Dubai, UAE	34 (1.8)	
Buenos Aires, Argentina	17 (2.2)	▼
Abu Dhabi, UAE	17 (2.1)	▼
Norway (4)	13 (1.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M08\_09 (M061222): Distance between Shawn and Rick on number line**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Chinese Taipei	83 (1.8)	▲
Hong Kong SAR	80 (2.0)	▲
Northern Ireland	79 (2.1)	▲
Singapore	78 (1.7)	▲
Japan	76 (1.8)	▲
Netherlands	73 (2.4)	▲
Korea, Rep. of	73 (1.8)	▲
England	70 (2.1)	▲
Iran, Islamic Rep. of	69 (2.8)	▲
Norway (5)	68 (2.3)	▲
Belgium (Flemish)	68 (1.9)	▲
Ireland	66 (2.3)	▲
Sweden	66 (2.4)	▲
Finland	65 (2.0)	▲
Russian Federation	64 (2.8)	
United States	64 (1.4)	▲
Denmark	63 (2.2)	▲
Portugal	62 (1.5)	▲
Hungary	62 (2.1)	
Kazakhstan	61 (2.6)	
Bulgaria	60 (2.4)	
Lithuania	60 (2.9)	
Germany	59 (2.6)	
<b>International Avg.</b>	<b>59 (0.3)</b>	
Australia	59 (2.0)	
Cyprus	58 (2.1)	
Poland	56 (2.1)	
Slovak Republic	54 (2.2)	▼
Czech Republic	54 (2.1)	▼
France	54 (2.5)	
Slovenia	54 (2.1)	▼
Canada	53 (1.8)	▼
Spain	53 (1.9)	▼
Turkey	52 (1.9)	▼
Chile	52 (2.2)	▼
Serbia	52 (2.3)	▼
United Arab Emirates	52 (1.5)	▼
Italy	51 (2.2)	▼
Qatar	50 (1.9)	▼
Bahrain	50 (2.9)	▼
Croatia	49 (2.5)	▼
New Zealand	48 (1.9)	▼
Saudi Arabia	48 (2.3)	▼
Georgia	45 (2.5)	▼
Indonesia	44 (2.7)	▼
Oman	43 (1.7)	▼
Morocco	33 (2.7)	▼
Kuwait	30 (2.2)	▼
<b>Benchmarking Participants</b>		
Dubai, UAE	59 (1.8)	
Florida, US	58 (3.2)	
Ontario, Canada	54 (2.4)	
Norway (4)	54 (2.5)	
Quebec, Canada	48 (3.5)	▼
Abu Dhabi, UAE	48 (2.6)	▼
Buenos Aires, Argentina	45 (2.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M08\_10 (M061076): Sandra's model for a decorated cube**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Poland	86 (1.4)	▲
Finland	79 (2.3)	▲
Czech Republic	77 (2.1)	▲
Belgium (Flemish)	77 (1.8)	▲
Korea, Rep. of	76 (2.2)	▲
Russian Federation	76 (2.4)	▲
Singapore	75 (1.5)	▲
Norway (5)	74 (2.0)	▲
Netherlands	74 (1.9)	▲
Chinese Taipei	74 (2.2)	▲
Germany	72 (2.0)	▲
Lithuania	72 (2.2)	▲
Hong Kong SAR	71 (2.1)	▲
Slovak Republic	69 (1.9)	▲
Slovenia	69 (2.0)	▲
Sweden	68 (2.3)	▲
Japan	68 (2.0)	▲
Hungary	67 (2.1)	▲
Ireland	67 (2.5)	▲
France	67 (2.1)	▲
Northern Ireland	66 (2.1)	▲
Canada	66 (1.8)	▲
Denmark	66 (2.2)	▲
Australia	66 (1.9)	▲
United States	65 (1.4)	▲
England	65 (2.1)	▲
Kazakhstan	64 (2.9)	
New Zealand	62 (2.2)	
Portugal	62 (1.7)	
Spain	62 (2.3)	
Bulgaria	61 (2.4)	
<b>International Avg.</b>	<b>60 (0.3)</b>	
Croatia	60 (2.1)	
Chile	60 (1.7)	
Cyprus	54 (1.9)	▼
Turkey	52 (2.0)	▼
Italy	51 (2.4)	▼
Serbia	51 (3.3)	▼
Iran, Islamic Rep. of	43 (2.5)	▼
Qatar	42 (1.8)	▼
Bahrain	40 (2.8)	▼
United Arab Emirates	40 (1.2)	▼
Indonesia	38 (2.7)	▼
Oman	34 (1.5)	▼
Georgia	31 (2.2)	▼
Morocco	30 (2.2)	▼
Kuwait	23 (2.3)	▼
Saudi Arabia	22 (2.0)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	71 (3.3)	▲
Ontario, Canada	65 (2.5)	
Norway (4)	60 (2.8)	
Florida, US	59 (3.1)	
Dubai, UAE	51 (1.8)	▼
Buenos Aires, Argentina	49 (3.1)	▼
Abu Dhabi, UAE	37 (2.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M08\_11 (M061084): Complete pie chart of friends' favorite flowers**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Singapore	51 (2.1)	▲
Russian Federation	50 (2.2)	▲
Hong Kong SAR	49 (2.4)	▲
Kazakhstan	48 (2.8)	▲
Korea, Rep. of	43 (2.4)	▲
Japan	42 (2.1)	▲
Northern Ireland	41 (2.8)	▲
Ireland	38 (2.5)	▲
Lithuania	38 (2.8)	▲
Norway (5)	38 (2.4)	▲
Chinese Taipei	38 (2.0)	▲
Denmark	36 (2.4)	▲
Finland	34 (2.1)	▲
Sweden	32 (2.0)	▲
Australia	32 (2.4)	▲
Cyprus	31 (1.9)	▲
Portugal	30 (2.1)	
Hungary	30 (2.2)	
United States	30 (1.4)	▲
Netherlands	29 (2.1)	
Bulgaria	28 (2.9)	
England	28 (2.1)	
Canada	28 (1.4)	
Slovenia	27 (2.3)	
Poland	26 (2.5)	
<b>International Avg.</b>	<b>26 (0.3)</b>	
Belgium (Flemish)	24 (2.2)	
Slovak Republic	24 (1.9)	
New Zealand	24 (1.7)	
Spain	23 (1.9)	
Serbia	23 (2.4)	
Germany	22 (1.7)	▼
Czech Republic	21 (2.1)	▼
United Arab Emirates	21 (0.9)	▼
Italy	20 (2.1)	▼
Oman	18 (1.3)	▼
Turkey	15 (1.7)	▼
Bahrain	15 (1.5)	▼
Croatia	14 (2.2)	▼
Qatar	14 (1.5)	▼
Iran, Islamic Rep. of	13 (2.2)	▼
France	12 (1.8)	▼
Indonesia	11 (1.9)	▼
Georgia	8 (1.6)	▼
Chile	7 (1.0)	▼
Kuwait	5 (1.2)	▼
Morocco	0 (0.1)	▼
Saudi Arabia	0 (0.0)	▼
<b>Benchmarking Participants</b>		
Dubai, UAE	34 (1.7)	▲
Ontario, Canada	33 (2.3)	▲
Quebec, Canada	26 (2.7)	
Florida, US	25 (2.9)	
Norway (4)	21 (2.1)	▼
Abu Dhabi, UAE	15 (1.4)	▼
Buenos Aires, Argentina	5 (1.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M09\_01 (M051206): Add 385 to 5876**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Singapore	91 (1.1)	▲
Chinese Taipei	91 (1.4)	▲
Russian Federation	90 (1.4)	▲
Portugal	88 (1.7)	▲
Korea, Rep. of	88 (1.4)	▲
Japan	84 (1.3)	▲
Croatia	83 (1.8)	▲
United States	83 (1.1)	▲
Serbia	82 (2.8)	▲
Kazakhstan	82 (1.8)	▲
Hong Kong SAR	81 (2.0)	▲
Ireland	80 (2.2)	▲
Spain	80 (1.7)	▲
Lithuania	80 (2.0)	▲
Bulgaria	79 (1.6)	▲
Italy	78 (1.7)	▲
Hungary	75 (2.0)	▲
Turkey	74 (1.8)	▲
Slovak Republic	72 (1.9)	▲
Denmark	72 (2.3)	▲
Northern Ireland	72 (2.9)	
England	70 (2.0)	▲
Norway (5)	70 (2.7)	
Georgia	70 (2.7)	
France	67 (2.9)	
Czech Republic	66 (2.0)	
International Avg.	66 (0.3)	
Cyprus	65 (2.1)	
Slovenia	65 (2.1)	
Germany	64 (1.9)	
Chile	61 (2.6)	▼
Canada	60 (1.6)	▼
Sweden	60 (2.4)	▼
Bahrain	59 (2.6)	▼
Poland	59 (2.6)	▼
Qatar	57 (2.5)	▼
Belgium (Flemish)	57 (2.1)	▼
United Arab Emirates	56 (1.1)	▼
Netherlands	55 (2.8)	▼
Morocco	54 (2.5)	▼
Indonesia	52 (2.4)	▼
Iran, Islamic Rep. of	46 (2.9)	▼
Australia	45 (2.0)	▼
Oman	44 (1.7)	▼
Finland	40 (2.0)	▼
Kuwait	27 (2.4)	▼
New Zealand	25 (1.7)	▼
Saudi Arabia	16 (1.6)	▼
<b>Benchmarking Participants</b>		
Florida, US	82 (2.7)	▲
Quebec, Canada	82 (2.6)	▲
Dubai, UAE	71 (1.5)	▲
Buenos Aires, Argentina	61 (2.4)	▼
Ontario, Canada	53 (2.4)	▼
Norway (4)	51 (2.3)	▼
Abu Dhabi, UAE	46 (2.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M09\_02 (M051052): Number closest in size to 5341**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Netherlands	89 (1.5)	▲
Denmark	86 (1.5)	▲
Hong Kong SAR	84 (1.9)	▲
Korea, Rep. of	83 (1.6)	▲
Norway (5)	82 (2.4)	▲
Belgium (Flemish)	82 (1.9)	▲
Sweden	81 (2.1)	▲
Japan	79 (1.4)	▲
Ireland	78 (2.2)	▲
Chinese Taipei	78 (1.9)	▲
Finland	77 (1.9)	▲
Hungary	77 (1.6)	▲
Germany	76 (2.1)	▲
Australia	73 (3.2)	▲
Canada	73 (1.4)	▲
England	73 (1.9)	▲
New Zealand	71 (1.5)	▲
Northern Ireland	71 (2.5)	▲
Bulgaria	70 (2.4)	▲
Slovak Republic	69 (1.8)	▲
Slovenia	69 (2.2)	▲
Czech Republic	67 (2.2)	
Lithuania	67 (2.2)	
Singapore	66 (1.9)	
Serbia	64 (2.3)	
<b>International Avg.</b>	<b>63 (0.3)</b>	
Kazakhstan	63 (2.9)	
Russian Federation	62 (2.3)	
Poland	62 (2.4)	
Georgia	60 (2.6)	
United States	60 (1.8)	▼
Cyprus	59 (1.8)	▼
Portugal	59 (1.9)	▼
France	57 (2.3)	▼
Spain	52 (2.1)	▼
Croatia	52 (2.0)	▼
Chile	50 (2.0)	▼
Turkey	50 (1.5)	▼
United Arab Emirates	49 (1.3)	▼
Morocco	45 (2.6)	▼
Indonesia	44 (2.5)	▼
Oman	43 (1.5)	▼
Bahrain	40 (2.4)	▼
Qatar	38 (1.8)	▼
Kuwait	38 (2.4)	▼
Italy	37 (2.3)	▼
Saudi Arabia	33 (2.3)	▼
Iran, Islamic Rep. of	31 (2.3)	▼
<b>Benchmarking Participants</b>		
Norway (4)	80 (2.2)	▲
Ontario, Canada	75 (2.0)	▲
Quebec, Canada	71 (2.9)	▲
Dubai, UAE	56 (1.5)	▼
Florida, US	52 (3.1)	▼
Abu Dhabi, UAE	51 (2.5)	▼
Buenos Aires, Argentina	49 (2.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M09\_03 (M051049): Stickers bought by Mr. Brown**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Hong Kong SAR	89 (1.8)	▲
Chinese Taipei	85 (1.5)	▲
Korea, Rep. of	84 (1.7)	▲
Japan	83 (1.5)	▲
Russian Federation	81 (1.6)	▲
Singapore	81 (1.6)	▲
Belgium (Flemish)	75 (2.0)	▲
Lithuania	71 (2.3)	▲
Northern Ireland	71 (2.6)	▲
Netherlands	71 (2.3)	▲
Germany	69 (2.1)	▲
Hungary	69 (1.9)	▲
Ireland	69 (2.4)	▲
Kazakhstan	68 (2.9)	▲
Czech Republic	67 (1.9)	▲
Bulgaria	66 (2.7)	▲
Slovenia	62 (2.2)	▲
Denmark	62 (2.6)	▲
England	62 (1.8)	▲
Cyprus	62 (1.9)	▲
United States	61 (1.6)	▲
Norway (5)	61 (2.8)	
Finland	59 (2.2)	
Georgia	59 (2.9)	
Portugal	58 (2.0)	
Slovak Republic	58 (2.1)	
Poland	57 (2.6)	
Croatia	57 (2.7)	
Serbia	57 (2.5)	
<b>International Avg.</b>	<b>56 (0.3)</b>	
Australia	49 (2.5)	▼
Italy	48 (2.3)	▼
Sweden	47 (2.2)	▼
Turkey	46 (1.9)	▼
France	44 (2.4)	▼
Spain	43 (2.0)	▼
Canada	43 (1.5)	▼
New Zealand	42 (1.8)	▼
United Arab Emirates	37 (1.2)	▼
Iran, Islamic Rep. of	36 (2.3)	▼
Qatar	33 (2.0)	▼
Chile	33 (2.1)	▼
Bahrain	32 (2.0)	▼
Indonesia	30 (2.0)	▼
Oman	29 (1.4)	▼
Kuwait	26 (2.5)	▼
Saudi Arabia	26 (1.8)	▼
Morocco	25 (2.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	64 (3.4)	▲
Norway (4)	53 (2.2)	
Quebec, Canada	53 (3.1)	
Dubai, UAE	50 (1.6)	▼
Ontario, Canada	42 (1.9)	▼
Buenos Aires, Argentina	36 (2.8)	▼
Abu Dhabi, UAE	32 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M09\_04 (M051045): Time when the cake will be baked**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Chinese Taipei	82 (1.9)	▲
Korea, Rep. of	80 (1.8)	▲
Hong Kong SAR	80 (2.0)	▲
Singapore	77 (1.6)	▲
Poland	76 (1.6)	▲
Japan	74 (1.9)	▲
Russian Federation	74 (1.6)	▲
Belgium (Flemish)	71 (2.2)	▲
Netherlands	71 (2.7)	▲
Lithuania	69 (2.3)	▲
Northern Ireland	67 (2.5)	▲
Germany	67 (2.2)	▲
Denmark	66 (2.5)	▲
Finland	66 (2.2)	▲
Czech Republic	64 (2.1)	▲
Ireland	63 (2.5)	▲
Serbia	62 (2.2)	▲
Hungary	60 (2.1)	▲
Slovak Republic	60 (2.2)	▲
Norway (5)	58 (2.9)	▲
Slovenia	58 (2.4)	▲
Bulgaria	57 (2.7)	
Kazakhstan	57 (3.0)	
England	56 (2.4)	
Sweden	55 (2.7)	
Cyprus	55 (2.2)	
Croatia	52 (2.4)	
<b>International Avg.</b>	<b>52 (0.3)</b>	
United States	52 (1.4)	
Australia	46 (2.3)	▼
Portugal	45 (2.2)	▼
Turkey	44 (1.7)	▼
Spain	44 (1.9)	▼
France	44 (2.4)	▼
Canada	42 (1.3)	▼
New Zealand	40 (2.1)	▼
Georgia	39 (2.7)	▼
Italy	38 (2.2)	▼
Iran, Islamic Rep. of	32 (2.8)	▼
United Arab Emirates	31 (1.3)	▼
Chile	30 (2.0)	▼
Bahrain	30 (2.3)	▼
Qatar	24 (1.8)	▼
Indonesia	19 (1.9)	▼
Oman	18 (1.4)	▼
Saudi Arabia	16 (1.3)	▼
Kuwait	15 (1.9)	▼
Morocco	15 (2.1)	▼
<b>Benchmarking Participants</b>		
Florida, US	53 (3.0)	
Norway (4)	50 (1.7)	
Quebec, Canada	49 (3.0)	
Dubai, UAE	49 (2.4)	
Ontario, Canada	40 (2.1)	▼
Buenos Aires, Argentina	26 (2.8)	▼
Abu Dhabi, UAE	25 (2.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M09\_05 (M051098): Fraction equivalent to 4/10**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Hong Kong SAR	85 (1.9)	▲
Singapore	84 (1.6)	▲
Belgium (Flemish)	65 (2.2)	▲
Northern Ireland	64 (3.0)	▲
Chinese Taipei	62 (2.7)	▲
United States	61 (1.6)	▲
Netherlands	59 (2.6)	▲
Cyprus	59 (1.9)	▲
Ireland	57 (2.4)	▲
Portugal	55 (2.2)	▲
England	50 (2.1)	▲
Russian Federation	50 (2.8)	▲
Kazakhstan	49 (2.5)	▲
Norway (5)	48 (2.9)	▲
Poland	46 (2.7)	▲
Hungary	44 (2.2)	
Japan	42 (1.9)	
<b>International Avg.</b>	<b>41 (0.3)</b>	
Korea, Rep. of	40 (2.2)	
Indonesia	38 (2.5)	
Serbia	38 (2.3)	
Denmark	37 (2.2)	
Slovenia	37 (2.2)	
Finland	36 (2.3)	▼
Australia	36 (2.6)	
Oman	36 (1.5)	▼
Czech Republic	35 (2.4)	▼
Canada	35 (1.5)	▼
Iran, Islamic Rep. of	34 (3.0)	▼
Bulgaria	34 (2.9)	▼
New Zealand	34 (1.8)	▼
Slovak Republic	33 (2.3)	▼
Italy	33 (2.1)	▼
Georgia	33 (2.3)	▼
United Arab Emirates	32 (1.4)	▼
Bahrain	31 (2.1)	▼
Sweden	27 (2.4)	▼
Turkey	27 (2.0)	▼
Lithuania	26 (2.3)	▼
Germany	26 (1.8)	▼
France	26 (2.0)	▼
Qatar	25 (1.9)	▼
Morocco	25 (2.0)	▼
Spain	25 (2.3)	▼
Saudi Arabia	25 (2.0)	▼
Kuwait	24 (1.8)	▼
Chile	24 (2.1)	▼
Croatia	23 (2.1)	▼
<b>Benchmarking Participants</b>		
Florida, US	66 (2.8)	▲
Norway (4)	48 (2.3)	▲
Dubai, UAE	46 (2.3)	▲
Quebec, Canada	41 (3.2)	
Ontario, Canada	35 (2.0)	▼
Buenos Aires, Argentina	27 (2.9)	▼
Abu Dhabi, UAE	27 (2.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M09\_06 (M051030): Fraction of the cake left**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Singapore	82 (1.5)	▲
Hong Kong SAR	60 (3.2)	▲
Chinese Taipei	53 (2.7)	▲
Northern Ireland	48 (2.8)	▲
Ireland	42 (2.4)	▲
United States	42 (1.6)	▲
Belgium (Flemish)	37 (2.3)	▲
Portugal	37 (2.2)	▲
Finland	34 (2.4)	▲
Korea, Rep. of	33 (2.0)	▲
Cyprus	29 (1.9)	▲
England	27 (2.1)	▲
Japan	25 (1.8)	▲
Norway (5)	24 (2.1)	
Russian Federation	24 (1.9)	
Kazakhstan	22 (2.6)	
Denmark	22 (1.9)	
<b>International Avg.</b>	<b>21 (0.3)</b>	
Poland	20 (1.8)	
Australia	20 (1.8)	
New Zealand	19 (1.7)	
Iran, Islamic Rep. of	18 (2.1)	
Serbia	18 (2.1)	
Bahrain	16 (1.4)	▼
Czech Republic	16 (1.9)	▼
Canada	16 (1.1)	▼
Oman	15 (1.2)	▼
United Arab Emirates	15 (0.9)	▼
Netherlands	14 (2.1)	▼
Qatar	13 (1.4)	▼
Slovenia	13 (1.5)	▼
Lithuania	13 (1.7)	▼
Hungary	12 (1.4)	▼
Indonesia	12 (1.9)	▼
France	11 (1.5)	▼
Bulgaria	11 (2.0)	▼
Italy	11 (1.7)	▼
Turkey	9 (1.0)	▼
Sweden	9 (1.3)	▼
Saudi Arabia	8 (1.2)	▼
Spain	8 (1.0)	▼
Georgia	8 (1.4)	▼
Germany	7 (1.1)	▼
Chile	6 (0.9)	▼
Slovak Republic	6 (0.8)	▼
Morocco	6 (1.3)	▼
Croatia	5 (1.1)	▼
Kuwait	2 (0.5)	▼
<b>Benchmarking Participants</b>		
Florida, US	44 (3.6)	▲
Dubai, UAE	26 (1.9)	▲
Quebec, Canada	25 (3.0)	
Norway (4)	13 (1.9)	▼
Ontario, Canada	12 (1.4)	▼
Abu Dhabi, UAE	9 (1.4)	▼
Buenos Aires, Argentina	3 (0.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M09\_07 (M051502): Rule to sort the shapes**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Korea, Rep. of	57 (2.2)	⬆
Japan	51 (1.8)	⬆
Norway (5)	49 (2.4)	⬆
Chinese Taipei	47 (2.4)	⬆
Northern Ireland	46 (2.8)	⬆
Hungary	46 (2.0)	⬆
England	45 (2.3)	⬆
Czech Republic	45 (2.1)	⬆
Belgium (Flemish)	45 (2.5)	⬆
Hong Kong SAR	44 (2.6)	⬆
Slovenia	43 (2.1)	⬆
Singapore	42 (1.9)	⬆
United States	41 (1.5)	⬆
Ireland	41 (2.2)	⬆
Finland	41 (2.2)	⬆
Portugal	39 (2.1)	⬆
Australia	38 (2.3)	
Serbia	37 (2.7)	
Russian Federation	37 (2.0)	
Spain	37 (2.0)	
Kazakhstan	37 (2.4)	
Germany	37 (2.2)	
Sweden	35 (2.1)	
<b>International Avg.</b>	<b>35 (0.3)</b>	
Croatia	34 (2.3)	
Canada	34 (1.4)	
Lithuania	34 (2.7)	
France	33 (1.9)	
Italy	33 (1.9)	
Slovak Republic	32 (2.0)	
New Zealand	31 (1.6)	⬇
Bulgaria	30 (2.2)	⬇
Poland	30 (2.1)	⬇
Denmark	29 (2.4)	⬇
Cyprus	27 (1.9)	⬇
Chile	26 (2.0)	⬇
United Arab Emirates	26 (1.1)	⬇
Netherlands	26 (2.0)	⬇
Iran, Islamic Rep. of	25 (2.8)	⬇
Qatar	25 (1.6)	⬇
Georgia	24 (2.1)	⬇
Oman	23 (1.2)	⬇
Indonesia	23 (2.1)	⬇
Bahrain	23 (2.3)	⬇
Morocco	21 (2.0)	⬇
Saudi Arabia	19 (2.0)	⬇
Kuwait	13 (1.7)	⬇
Turkey	- -	
<b>Benchmarking Participants</b>		
Florida, US	42 (3.0)	⬆
Ontario, Canada	38 (1.9)	
Dubai, UAE	35 (2.4)	
Quebec, Canada	35 (3.4)	
Norway (4)	32 (2.3)	
Abu Dhabi, UAE	25 (1.9)	⬇
Buenos Aires, Argentina	18 (2.4)	⬇

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ⬆ Percent significantly higher than international average  
 ⬇ Percent significantly lower than international average  
 ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M09\_08 (M051224): Shape with a right angle**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Korea, Rep. of	96 (0.8)	▲
Hong Kong SAR	93 (1.3)	▲
Chinese Taipei	92 (1.2)	▲
Singapore	87 (1.3)	▲
France	85 (1.4)	▲
Croatia	82 (2.2)	▲
Northern Ireland	82 (2.3)	▲
Portugal	80 (2.0)	▲
Cyprus	79 (2.0)	▲
United States	79 (1.6)	▲
England	79 (1.7)	▲
Bulgaria	79 (2.2)	▲
Belgium (Flemish)	78 (1.9)	▲
Japan	77 (1.7)	▲
Ireland	76 (2.4)	▲
Italy	76 (2.1)	▲
Turkey	76 (1.7)	▲
Russian Federation	74 (2.4)	▲
Australia	74 (2.2)	▲
Lithuania	72 (2.3)	▲
Norway (5)	70 (2.3)	▲
Hungary	70 (2.1)	▲
Denmark	70 (2.4)	▲
Canada	68 (1.9)	▲
Iran, Islamic Rep. of	67 (2.9)	
Spain	65 (2.5)	
<b>International Avg.</b>	<b>64 (0.3)</b>	
Kazakhstan	62 (3.3)	
Germany	60 (2.3)	▼
Poland	56 (2.1)	▼
Czech Republic	55 (2.4)	▼
Oman	54 (1.8)	▼
Slovak Republic	53 (2.0)	▼
Bahrain	53 (2.5)	▼
Finland	53 (2.7)	▼
Morocco	51 (2.7)	▼
Sweden	49 (3.0)	▼
New Zealand	48 (2.1)	▼
United Arab Emirates	48 (1.5)	▼
Serbia	46 (2.9)	▼
Indonesia	45 (2.3)	▼
Chile	44 (2.7)	▼
Saudi Arabia	43 (2.2)	▼
Georgia	41 (2.9)	▼
Qatar	40 (2.1)	▼
Kuwait	36 (2.4)	▼
Slovenia	36 (2.2)	▼
Netherlands	22 (1.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	84 (1.6)	▲
Quebec, Canada	80 (2.7)	▲
Ontario, Canada	76 (2.1)	▲
Dubai, UAE	67 (1.7)	
Norway (4)	44 (2.5)	▼
Abu Dhabi, UAE	41 (2.7)	▼
Buenos Aires, Argentina	37 (2.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M09\_09 (M051207): Shape with 2 kinds of symmetry**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Korea, Rep. of	89 (1.4)	▲
Singapore	74 (1.5)	▲
Czech Republic	73 (2.2)	▲
Denmark	73 (2.0)	▲
Lithuania	73 (2.2)	▲
Northern Ireland	71 (2.5)	▲
Hong Kong SAR	71 (2.4)	▲
England	70 (2.0)	▲
Ireland	70 (2.3)	▲
Slovenia	67 (1.9)	▲
Hungary	66 (2.1)	▲
United States	64 (1.3)	▲
Australia	64 (2.0)	▲
Bulgaria	62 (2.6)	▲
Morocco	59 (2.4)	▲
Finland	58 (2.4)	
Germany	57 (2.4)	
Chinese Taipei	57 (2.3)	
France	56 (2.4)	
New Zealand	56 (1.7)	
Canada	54 (1.6)	
Belgium (Flemish)	54 (2.2)	
International Avg.	54 (0.3)	
Russian Federation	53 (2.9)	
Indonesia	53 (2.9)	
Cyprus	52 (2.3)	
Poland	52 (2.6)	
United Arab Emirates	52 (1.6)	
Turkey	51 (1.8)	
Italy	50 (2.6)	
Japan	49 (1.9)	▼
Qatar	48 (1.8)	▼
Iran, Islamic Rep. of	47 (3.1)	▼
Slovak Republic	46 (2.2)	▼
Spain	46 (2.5)	▼
Portugal	45 (2.0)	▼
Saudi Arabia	44 (2.2)	▼
Kazakhstan	42 (3.1)	▼
Oman	42 (1.8)	▼
Bahrain	41 (1.9)	▼
Chile	40 (2.3)	▼
Georgia	39 (2.6)	▼
Kuwait	38 (2.1)	▼
Norway (5)	37 (2.1)	▼
Serbia	36 (2.2)	▼
Netherlands	34 (2.2)	▼
Croatia	30 (1.8)	▼
Sweden	26 (1.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	70 (3.2)	▲
Ontario, Canada	65 (2.3)	▲
Dubai, UAE	58 (1.8)	▲
Abu Dhabi, UAE	50 (2.6)	
Norway (4)	44 (2.4)	▼
Quebec, Canada	44 (2.9)	▼
Buenos Aires, Argentina	19 (2.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M09\_10 (M051427): Find the perimeter of the triangle**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Singapore	66 (1.9)	▲
Russian Federation	65 (2.2)	▲
Belgium (Flemish)	65 (2.0)	▲
Hong Kong SAR	61 (2.6)	▲
Kazakhstan	60 (2.7)	▲
Chinese Taipei	59 (2.1)	▲
Denmark	59 (2.7)	▲
Bulgaria	59 (2.5)	▲
Norway (5)	58 (2.3)	▲
Lithuania	56 (2.6)	▲
Northern Ireland	56 (2.6)	▲
Netherlands	56 (2.8)	▲
Poland	56 (2.0)	▲
Korea, Rep. of	52 (2.3)	▲
Sweden	51 (2.9)	▲
Serbia	47 (3.0)	▲
Hungary	46 (2.1)	▲
Croatia	46 (2.3)	▲
Czech Republic	44 (2.1)	
Finland	42 (1.8)	
Ireland	42 (2.2)	
Portugal	41 (2.6)	
England	41 (2.6)	
Georgia	41 (3.0)	
<b>International Avg.</b>	<b>40 (0.3)</b>	
United States	38 (1.3)	
Cyprus	38 (2.1)	
Slovak Republic	37 (2.1)	
Turkey	34 (1.8)	▼
Oman	31 (1.7)	▼
Italy	30 (2.1)	▼
Japan	30 (1.9)	▼
Australia	29 (2.2)	▼
Iran, Islamic Rep. of	28 (2.5)	▼
United Arab Emirates	28 (0.9)	▼
Slovenia	27 (2.0)	▼
Spain	26 (1.6)	▼
Morocco	26 (2.4)	▼
Canada	26 (1.6)	▼
France	26 (2.1)	▼
Germany	26 (2.0)	▼
New Zealand	25 (1.6)	▼
Bahrain	23 (1.9)	▼
Chile	22 (1.6)	▼
Qatar	19 (1.4)	▼
Saudi Arabia	19 (1.6)	▼
Indonesia	18 (1.6)	▼
Kuwait	16 (2.0)	▼
<b>Benchmarking Participants</b>		
Dubai, UAE	38 (1.4)	
Florida, US	38 (2.9)	
Norway (4)	38 (3.0)	
Quebec, Canada	29 (2.6)	▼
Ontario, Canada	26 (2.4)	▼
Abu Dhabi, UAE	23 (1.9)	▼
Buenos Aires, Argentina	11 (1.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M09\_11 (M051533): How many books will fill the box**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	81 (2.1)	▲
Hong Kong SAR	77 (2.3)	▲
Japan	76 (1.6)	▲
Russian Federation	74 (2.2)	▲
Chinese Taipei	71 (2.1)	▲
Singapore	70 (1.6)	▲
Kazakhstan	65 (3.1)	▲
Poland	64 (2.2)	▲
Germany	64 (2.3)	▲
Czech Republic	63 (2.0)	▲
Lithuania	63 (2.6)	▲
Finland	62 (2.1)	▲
Netherlands	61 (2.5)	▲
Slovenia	61 (1.9)	▲
Denmark	59 (3.1)	▲
Norway (5)	58 (2.3)	▲
Hungary	56 (2.3)	▲
Belgium (Flemish)	55 (2.3)	▲
Slovak Republic	52 (1.9)	▲
Sweden	51 (2.4)	
Bulgaria	50 (2.8)	
Ireland	47 (2.5)	
<b>International Avg.</b>	<b>47 (0.3)</b>	
Portugal	46 (2.1)	
Italy	46 (2.6)	
England	44 (2.6)	
Croatia	44 (2.2)	
Serbia	44 (2.8)	
Canada	42 (1.6)	▼
United States	42 (1.5)	▼
Northern Ireland	42 (2.3)	▼
Australia	42 (2.2)	▼
France	41 (2.1)	▼
Cyprus	39 (2.1)	▼
New Zealand	39 (2.3)	▼
Spain	38 (2.1)	▼
Georgia	33 (2.4)	▼
Chile	30 (1.9)	▼
United Arab Emirates	28 (1.2)	▼
Turkey	26 (1.5)	▼
Qatar	23 (2.0)	▼
Iran, Islamic Rep. of	22 (2.7)	▼
Bahrain	20 (2.3)	▼
Indonesia	18 (2.0)	▼
Saudi Arabia	18 (1.9)	▼
Oman	17 (1.2)	▼
Morocco	16 (2.6)	▼
Kuwait	12 (1.7)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	49 (3.7)	
Dubai, UAE	43 (1.6)	▼
Norway (4)	43 (2.5)	
Ontario, Canada	40 (2.2)	▼
Florida, US	40 (3.2)	▼
Abu Dhabi, UAE	22 (2.0)	▼
Buenos Aires, Argentina	20 (2.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

# TIMSS 2015 Percent Correct Statistics for Achievement Items

## M09\_12 (M051080): Complete the bar graph Constructed Response (1 Point)

Country	Percent Correct	
Korea, Rep. of	86 (1.3)	▲
Hong Kong SAR	83 (1.9)	▲
Singapore	81 (1.3)	▲
Chinese Taipei	79 (2.2)	▲
Japan	75 (1.7)	▲
Lithuania	73 (2.2)	▲
Portugal	73 (2.0)	▲
Russian Federation	69 (2.1)	▲
Poland	69 (1.9)	▲
Ireland	67 (2.5)	▲
Slovenia	67 (2.1)	▲
England	66 (2.4)	▲
Netherlands	66 (2.2)	▲
United States	65 (1.4)	▲
Norway (5)	65 (2.3)	▲
Finland	64 (2.3)	▲
Australia	64 (2.3)	▲
Northern Ireland	64 (2.3)	▲
Denmark	61 (2.0)	▲
Belgium (Flemish)	60 (1.7)	▲
Canada	59 (1.6)	▲
Czech Republic	57 (2.2)	
Serbia	56 (2.8)	
Italy	55 (2.2)	
Hungary	54 (2.1)	
International Avg.	54 (0.3)	
Spain	54 (2.1)	
Sweden	53 (2.5)	
Cyprus	52 (2.3)	
Germany	52 (2.3)	
New Zealand	51 (2.2)	
Chile	51 (2.2)	
Bulgaria	51 (2.7)	
Slovak Republic	49 (2.1)	▼
Turkey	47 (2.1)	▼
Kazakhstan	47 (2.5)	▼
United Arab Emirates	41 (1.0)	▼
France	41 (2.4)	▼
Croatia	39 (2.5)	▼
Iran, Islamic Rep. of	35 (2.7)	▼
Bahrain	33 (3.2)	▼
Georgia	32 (2.6)	▼
Qatar	31 (2.3)	▼
Oman	27 (1.4)	▼
Morocco	21 (2.2)	▼
Indonesia	20 (1.9)	▼
Kuwait	18 (2.1)	▼
Saudi Arabia	17 (1.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	67 (2.8)	▲
Ontario, Canada	65 (2.0)	▲
Dubai, UAE	61 (1.4)	▲
Quebec, Canada	59 (3.3)	
Norway (4)	50 (2.6)	
Abu Dhabi, UAE	32 (2.2)	▼
Buenos Aires, Argentina	16 (1.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_01 (M061018): Identify numbers as even or odd (DERIVED)**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hungary	79 (1.8)	▲
Portugal	74 (2.1)	▲
Singapore	74 (1.9)	▲
Northern Ireland	73 (2.3)	▲
Chinese Taipei	68 (2.0)	▲
England	66 (2.1)	▲
Australia	63 (2.2)	▲
United States	60 (1.3)	▲
Hong Kong SAR	59 (2.9)	▲
Canada	58 (1.4)	▲
Belgium (Flemish)	57 (2.7)	▲
Serbia	57 (2.4)	▲
Turkey	55 (1.8)	▲
Denmark	55 (2.2)	▲
Bulgaria	55 (2.9)	▲
Poland	55 (2.5)	▲
Korea, Rep. of	54 (2.3)	▲
Netherlands	54 (2.5)	▲
Kazakhstan	53 (2.9)	
Russian Federation	53 (2.3)	▲
Croatia	53 (2.6)	
Ireland	52 (2.4)	
Norway (5)	52 (2.5)	
New Zealand	51 (1.9)	
Italy	50 (2.4)	
Slovak Republic	49 (1.9)	
Cyprus	49 (2.3)	
Finland	48 (2.4)	
International Avg.	48 (0.3)	
Germany	48 (2.4)	
Spain	46 (2.2)	
Sweden	46 (2.4)	
Slovenia	45 (2.3)	
Georgia	43 (2.8)	▼
United Arab Emirates	40 (1.1)	▼
Lithuania	40 (2.0)	▼
Czech Republic	40 (2.1)	▼
France	38 (2.5)	▼
Qatar	36 (1.9)	▼
Bahrain	35 (2.1)	▼
Iran, Islamic Rep. of	30 (3.2)	▼
Oman	29 (1.7)	▼
Kuwait	27 (2.4)	▼
Japan	27 (2.2)	▼
Chile	24 (1.9)	▼
Indonesia	22 (2.2)	▼
Morocco	13 (2.5)	▼
Saudi Arabia	13 (1.6)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	70 (3.0)	▲
Dubai, UAE	57 (1.9)	▲
Florida, US	52 (2.7)	
Ontario, Canada	50 (1.9)	
Norway (4)	44 (2.9)	
Abu Dhabi, UAE	31 (2.2)	▼
Buenos Aires, Argentina	30 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
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**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_01A (M061018A): Identify numbers as even or odd - 24**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Northern Ireland	97 (0.8)	▲
Hungary	97 (0.8)	▲
Singapore	96 (0.7)	▲
Portugal	95 (1.0)	▲
Croatia	94 (1.2)	▲
Korea, Rep. of	94 (1.4)	▲
Australia	93 (1.2)	▲
Poland	93 (1.2)	▲
United States	93 (0.8)	▲
England	93 (1.1)	▲
Denmark	92 (1.4)	▲
Ireland	92 (1.2)	▲
Serbia	92 (1.9)	▲
Sweden	92 (1.3)	▲
Italy	92 (1.2)	▲
Belgium (Flemish)	91 (1.3)	▲
Finland	91 (1.5)	▲
Slovak Republic	90 (1.4)	▲
Germany	90 (1.4)	▲
Bulgaria	89 (1.6)	▲
Chinese Taipei	89 (1.3)	▲
Norway (5)	88 (1.4)	▲
Canada	88 (1.0)	▲
New Zealand	88 (1.3)	▲
Russian Federation	86 (1.6)	
Netherlands	85 (1.9)	
Slovenia	85 (1.7)	
Kazakhstan	85 (1.9)	
International Avg.	84 (0.2)	
Spain	84 (1.8)	
Turkey	84 (1.3)	
Bahrain	83 (1.4)	
Hong Kong SAR	82 (1.8)	
Lithuania	81 (1.9)	
United Arab Emirates	80 (0.9)	▼
Cyprus	79 (1.6)	▼
Georgia	78 (2.4)	▼
Kuwait	77 (1.9)	▼
Qatar	77 (1.8)	▼
Czech Republic	77 (1.7)	▼
Oman	76 (1.4)	▼
France	76 (2.2)	▼
Iran, Islamic Rep. of	75 (2.9)	▼
Chile	69 (2.0)	▼
Indonesia	68 (2.5)	▼
Japan	64 (2.1)	▼
Saudi Arabia	59 (2.3)	▼
Morocco	51 (2.7)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	94 (1.6)	▲
Florida, US	94 (1.5)	▲
Dubai, UAE	89 (1.1)	▲
Norway (4)	85 (1.9)	
Ontario, Canada	84 (1.7)	
Abu Dhabi, UAE	76 (1.6)	▼
Buenos Aires, Argentina	71 (2.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_01B (M061018B): Identify numbers as even or odd - 50**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Hungary	84 (1.6)	▲
Portugal	80 (1.8)	▲
Singapore	80 (1.6)	▲
Northern Ireland	80 (2.1)	▲
Chinese Taipei	78 (1.9)	▲
Denmark	76 (1.8)	▲
Netherlands	76 (1.8)	▲
England	75 (1.9)	▲
Belgium (Flemish)	75 (2.4)	▲
Australia	75 (1.8)	▲
Germany	74 (1.9)	▲
Kazakhstan	73 (2.5)	▲
Russian Federation	73 (2.0)	▲
Canada	72 (1.3)	▲
Lithuania	71 (1.8)	▲
United States	70 (1.1)	▲
Hong Kong SAR	70 (2.5)	
New Zealand	69 (1.9)	▲
Ireland	68 (2.3)	
Turkey	68 (1.7)	▲
Poland	68 (2.0)	
Bulgaria	68 (2.6)	
Slovak Republic	68 (2.1)	
Finland	67 (2.0)	
Norway (5)	67 (1.9)	
Serbia	67 (2.5)	
Korea, Rep. of	67 (2.5)	
France	66 (2.2)	
Croatia	65 (2.5)	
<b>International Avg.</b>	<b>65 (0.3)</b>	
Sweden	64 (2.3)	
Italy	62 (2.2)	
Spain	61 (1.8)	▼
Cyprus	61 (2.3)	
Slovenia	61 (2.1)	▼
Chile	60 (2.1)	▼
Czech Republic	60 (1.8)	▼
Georgia	60 (2.7)	▼
United Arab Emirates	58 (1.0)	▼
Japan	54 (2.1)	▼
Bahrain	52 (2.4)	▼
Qatar	51 (1.9)	▼
Indonesia	48 (2.8)	▼
Oman	47 (1.5)	▼
Iran, Islamic Rep. of	46 (3.3)	▼
Kuwait	44 (2.5)	▼
Morocco	37 (2.9)	▼
Saudi Arabia	34 (2.1)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	78 (2.7)	▲
Dubai, UAE	69 (1.8)	▲
Ontario, Canada	69 (1.8)	▲
Florida, US	65 (2.8)	
Norway (4)	64 (2.2)	
Abu Dhabi, UAE	52 (2.1)	▼
Buenos Aires, Argentina	48 (2.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_01C (M061018C): Identify numbers as even or odd - 105**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Portugal	95 (0.9)	▲
Hungary	93 (1.1)	▲
Northern Ireland	93 (1.4)	▲
Singapore	92 (0.9)	▲
Denmark	90 (1.6)	▲
Croatia	90 (1.5)	▲
Sweden	90 (1.5)	▲
Australia	89 (1.3)	▲
Korea, Rep. of	89 (1.4)	▲
United States	89 (1.1)	▲
England	89 (1.4)	▲
Belgium (Flemish)	88 (1.2)	▲
Germany	88 (1.5)	▲
Chinese Taipei	88 (1.5)	▲
Netherlands	88 (1.7)	▲
Poland	87 (1.4)	▲
Finland	87 (1.5)	▲
Italy	87 (1.8)	▲
Serbia	86 (1.7)	▲
Ireland	86 (1.5)	▲
Norway (5)	85 (1.7)	▲
Canada	84 (1.0)	▲
Bulgaria	83 (2.0)	▲
Slovak Republic	82 (1.6)	▲
Spain	82 (1.4)	▲
New Zealand	82 (1.8)	
Russian Federation	81 (1.5)	
Lithuania	80 (2.0)	
Slovenia	80 (1.8)	
<b>International Avg.</b>	<b>79 (0.3)</b>	
Kazakhstan	77 (1.9)	
Cyprus	77 (1.6)	
Bahrain	75 (1.7)	
Turkey	75 (1.7)	▼
Hong Kong SAR	75 (2.4)	
France	73 (2.1)	▼
United Arab Emirates	72 (1.1)	▼
Czech Republic	72 (2.4)	▼
Georgia	71 (2.5)	▼
Qatar	68 (2.1)	▼
Oman	67 (1.7)	▼
Chile	65 (2.2)	▼
Iran, Islamic Rep. of	65 (3.4)	▼
Kuwait	64 (2.5)	▼
Japan	62 (2.2)	▼
Indonesia	52 (2.8)	▼
Saudi Arabia	38 (2.3)	▼
Morocco	36 (2.8)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	92 (1.5)	▲
Florida, US	87 (1.9)	▲
Dubai, UAE	83 (1.5)	▲
Ontario, Canada	79 (1.7)	
Norway (4)	78 (2.3)	
Buenos Aires, Argentina	67 (2.9)	▼
Abu Dhabi, UAE	64 (1.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_01D (M061018D): Identify numbers as even or odd - 132**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Northern Ireland	94 (1.4)	▲
Hungary	91 (1.3)	▲
Portugal	91 (1.1)	▲
Singapore	88 (1.3)	▲
England	85 (1.5)	▲
Australia	82 (1.6)	▲
Chinese Taipei	81 (1.5)	▲
United States	81 (1.1)	▲
Poland	77 (2.0)	▲
Croatia	77 (2.1)	▲
Turkey	77 (1.6)	▲
Korea, Rep. of	76 (1.7)	▲
Italy	76 (2.2)	▲
Canada	76 (1.2)	▲
Belgium (Flemish)	75 (1.7)	▲
Ireland	75 (2.0)	▲
Serbia	75 (2.0)	▲
Bulgaria	75 (2.5)	
Finland	74 (2.0)	
Sweden	73 (2.2)	
Hong Kong SAR	73 (3.1)	
Norway (5)	72 (1.8)	
Netherlands	72 (2.2)	
Russian Federation	72 (2.2)	
Cyprus	71 (1.9)	
Slovenia	71 (2.1)	
Denmark	71 (2.2)	
Kazakhstan	71 (2.2)	
Spain	70 (2.1)	
<b>International Avg.</b>	<b>70 (0.3)</b>	
New Zealand	70 (2.0)	
Germany	67 (2.2)	
Slovak Republic	67 (2.1)	
Bahrain	66 (1.9)	▼
Czech Republic	64 (2.3)	▼
United Arab Emirates	64 (1.1)	▼
Qatar	62 (1.8)	▼
Georgia	61 (2.4)	▼
Iran, Islamic Rep. of	60 (3.4)	▼
France	60 (2.6)	▼
Japan	58 (1.9)	▼
Oman	56 (1.7)	▼
Lithuania	56 (2.3)	▼
Kuwait	54 (2.5)	▼
Saudi Arabia	48 (2.2)	▼
Chile	47 (2.1)	▼
Morocco	44 (2.7)	▼
Indonesia	41 (2.9)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	86 (2.2)	▲
Dubai, UAE	79 (1.3)	▲
Florida, US	77 (2.5)	▲
Ontario, Canada	71 (2.1)	
Norway (4)	66 (2.6)	
Abu Dhabi, UAE	55 (2.3)	▼
Buenos Aires, Argentina	53 (2.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_02 (M061274): 804 divided by 6**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Chinese Taipei	98 (0.5)	▲
Singapore	95 (0.9)	▲
Russian Federation	93 (1.1)	▲
Hong Kong SAR	91 (1.7)	▲
Japan	90 (1.2)	▲
Kazakhstan	88 (1.4)	▲
Lithuania	87 (1.8)	▲
Bulgaria	86 (1.8)	▲
Croatia	86 (2.0)	▲
Serbia	85 (1.8)	▲
Northern Ireland	85 (2.3)	▲
Spain	84 (1.5)	▲
Portugal	84 (1.5)	▲
Hungary	83 (1.6)	▲
Korea, Rep. of	83 (1.6)	▲
Ireland	83 (1.7)	▲
Italy	80 (2.0)	▲
Georgia	77 (2.1)	▲
Czech Republic	77 (2.1)	▲
United States	77 (1.4)	▲
Cyprus	73 (1.4)	
England	71 (2.1)	
<b>International Avg.</b>	<b>71 (0.3)</b>	
Slovenia	70 (2.7)	
Turkey	69 (2.1)	
Belgium (Flemish)	69 (2.0)	
Norway (5)	68 (2.4)	
Poland	68 (2.2)	
Netherlands	66 (1.9)	▼
Germany	65 (2.1)	▼
Finland	64 (2.0)	▼
Denmark	63 (2.5)	▼
Canada	61 (1.7)	▼
France	60 (2.3)	▼
United Arab Emirates	60 (1.2)	▼
New Zealand	60 (1.8)	▼
Qatar	58 (2.2)	▼
Slovak Republic	58 (2.0)	▼
Australia	58 (2.7)	▼
Chile	58 (2.1)	▼
Sweden	55 (2.2)	▼
Bahrain	55 (2.5)	▼
Oman	51 (1.9)	▼
Iran, Islamic Rep. of	50 (3.1)	▼
Indonesia	50 (2.3)	▼
Saudi Arabia	49 (2.3)	▼
Morocco	49 (2.6)	▼
Kuwait	38 (2.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	77 (2.3)	▲
Dubai, UAE	72 (1.3)	
Quebec, Canada	66 (3.7)	
Ontario, Canada	59 (2.5)	▼
Buenos Aires, Argentina	59 (2.4)	▼
Norway (4)	56 (2.3)	▼
Abu Dhabi, UAE	55 (2.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_03 (M061248): Show 2 ways a teacher can put students in groups**  
**Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	55 (2.0) ▲	82 (1.6) ▲
Korea, Rep. of	49 (2.0) ▲	83 (1.9) ▲
Hong Kong SAR	42 (3.0) ▲	69 (2.6) ▲
Northern Ireland	41 (2.4) ▲	74 (2.5) ▲
Chinese Taipei	37 (2.1) ▲	83 (1.7) ▲
Poland	34 (2.3) ▲	76 (1.9) ▲
Russian Federation	33 (2.7) ▲	77 (2.4) ▲
Norway (5)	32 (2.4) ▲	72 (2.2) ▲
Denmark	32 (2.5) ▲	69 (2.1) ▲
England	32 (2.3) ▲	67 (2.1) ▲
Japan	31 (2.3) ▲	67 (1.9) ▲
Finland	31 (1.9) ▲	63 (2.3) ▲
Portugal	31 (2.0) ▲	66 (2.3) ▲
United States	30 (1.4) ▲	66 (1.4) ▲
Belgium (Flemish)	29 (1.8) ▲	73 (2.2) ▲
Australia	29 (2.0) ▲	64 (2.6) ▲
Kazakhstan	28 (2.4)	59 (2.3)
Cyprus	28 (2.0) ▲	59 (2.0)
Bulgaria	27 (2.3)	65 (2.8) ▲
Sweden	27 (2.0)	68 (2.1) ▲
Canada	26 (1.6)	64 (1.6) ▲
Hungary	25 (1.9)	52 (2.4) ▼
Ireland	25 (2.4)	74 (2.3) ▲
Slovenia	25 (1.9)	66 (2.4) ▲
Germany	24 (2.0)	59 (2.3)
Netherlands	24 (1.9)	71 (2.1) ▲
Czech Republic	24 (1.7)	69 (2.0) ▲
<b>International Avg.</b>	<b>24 (0.3)</b>	<b>57 (0.3)</b>
Slovak Republic	22 (2.1)	61 (2.1) ▲
Serbia	22 (1.9)	63 (2.8) ▲
Italy	21 (1.9)	60 (2.3)
New Zealand	20 (1.5) ▼	58 (2.0)
United Arab Emirates	18 (1.0) ▼	43 (1.1) ▼
France	18 (2.3) ▼	58 (2.4)
Lithuania	16 (1.8) ▼	54 (2.3)
Croatia	16 (1.6) ▼	58 (2.1)
Bahrain	15 (1.8) ▼	47 (2.2) ▼
Spain	13 (1.2) ▼	53 (2.3)
Turkey	12 (1.1) ▼	33 (1.7) ▼
Qatar	12 (1.6) ▼	36 (2.3) ▼
Chile	9 (1.1) ▼	35 (2.3) ▼
Georgia	9 (1.3) ▼	40 (2.7) ▼
Oman	9 (1.2) ▼	32 (1.4) ▼
Iran, Islamic Rep. of	7 (1.3) ▼	33 (2.9) ▼
Morocco	6 (1.6) ▼	16 (2.2) ▼
Indonesia	5 (1.1) ▼	17 (1.7) ▼
Kuwait	4 (1.2) ▼	20 (2.0) ▼
Saudi Arabia	0 (0.3) ▼	7 (1.3) ▼
<b>Benchmarking Participants</b>		
Quebec, Canada	32 (3.9) ▲	69 (3.6) ▲
Florida, US	30 (3.0) ▲	65 (2.5) ▲
Dubai, UAE	30 (1.7) ▲	60 (1.9)
Ontario, Canada	25 (2.1)	65 (1.9) ▲
Norway (4)	19 (2.2) ▼	61 (2.8)
Abu Dhabi, UAE	15 (1.8) ▼	35 (2.5) ▼
Buenos Aires, Argentina	6 (1.2) ▼	24 (2.4) ▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_04 (M061039): Fraction Anna has left to cycle**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Singapore	84 (1.6)	▲
Hong Kong SAR	84 (2.0)	▲
Chinese Taipei	82 (1.7)	▲
Korea, Rep. of	80 (1.8)	▲
Japan	77 (1.4)	▲
Finland	75 (2.1)	▲
Belgium (Flemish)	72 (2.2)	▲
Poland	67 (2.6)	▲
Ireland	64 (2.2)	▲
United States	62 (1.6)	▲
Northern Ireland	62 (2.9)	▲
Cyprus	62 (2.2)	▲
Norway (5)	60 (2.5)	▲
Italy	55 (2.6)	▲
Netherlands	52 (2.6)	▲
Australia	51 (2.1)	▲
Denmark	49 (2.2)	▲
Portugal	49 (2.0)	▲
England	44 (2.4)	
France	44 (2.3)	
<b>International Avg.</b>	<b>42 (0.3)</b>	
New Zealand	41 (2.1)	
Turkey	41 (1.8)	
Canada	41 (1.8)	
Spain	40 (2.4)	
Russian Federation	39 (3.1)	
Czech Republic	38 (2.4)	
Iran, Islamic Rep. of	37 (3.0)	
Chile	37 (2.2)	▼
Kazakhstan	36 (3.0)	▼
Sweden	34 (2.8)	▼
Hungary	33 (2.4)	▼
Serbia	32 (2.9)	▼
United Arab Emirates	29 (1.1)	▼
Slovenia	26 (2.1)	▼
Bahrain	25 (2.1)	▼
Lithuania	25 (2.1)	▼
Qatar	23 (2.4)	▼
Bulgaria	21 (2.9)	▼
Oman	20 (1.5)	▼
Slovak Republic	16 (1.6)	▼
Saudi Arabia	14 (1.7)	▼
Georgia	13 (2.4)	▼
Croatia	11 (1.5)	▼
Kuwait	11 (2.1)	▼
Germany	10 (1.3)	▼
Indonesia	10 (1.5)	▼
Morocco	9 (1.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	64 (2.7)	▲
Quebec, Canada	55 (3.4)	▲
Dubai, UAE	43 (2.1)	
Ontario, Canada	36 (2.1)	▼
Buenos Aires, Argentina	28 (2.6)	▼
Norway (4)	26 (2.1)	▼
Abu Dhabi, UAE	23 (2.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_05 (M061079): Draw the chocolate bar on the grid**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	67 (2.3)	▲
Russian Federation	53 (3.3)	▲
Japan	52 (1.9)	▲
Singapore	51 (2.1)	▲
Korea, Rep. of	49 (2.2)	▲
Chinese Taipei	48 (2.3)	▲
Ireland	44 (2.3)	▲
Northern Ireland	44 (2.7)	▲
Norway (5)	41 (2.1)	▲
Poland	40 (2.6)	▲
Bulgaria	40 (2.6)	▲
Slovak Republic	38 (1.8)	▲
Serbia	38 (2.4)	▲
Netherlands	38 (2.6)	▲
Belgium (Flemish)	37 (2.3)	▲
Hungary	37 (2.1)	▲
Portugal	37 (2.1)	▲
Australia	35 (2.6)	▲
Czech Republic	35 (2.1)	▲
Sweden	35 (2.1)	▲
Finland	34 (2.4)	
Lithuania	33 (2.3)	
Denmark	32 (2.1)	
Slovenia	32 (2.1)	
Cyprus	30 (2.0)	
England	30 (2.3)	
New Zealand	30 (1.9)	
<b>International Avg.</b>	<b>30 (0.3)</b>	
Canada	29 (1.7)	
United States	29 (1.3)	
Kazakhstan	23 (2.0)	▼
Spain	23 (1.8)	▼
Germany	22 (1.9)	▼
Italy	20 (2.0)	▼
France	19 (2.1)	▼
Croatia	18 (2.0)	▼
United Arab Emirates	16 (1.0)	▼
Turkey	16 (1.2)	▼
Iran, Islamic Rep. of	15 (2.1)	▼
Oman	13 (1.2)	▼
Georgia	13 (1.7)	▼
Morocco	12 (2.2)	▼
Qatar	11 (1.4)	▼
Chile	11 (1.4)	▼
Bahrain	10 (1.9)	▼
Kuwait	6 (1.2)	▼
Indonesia	3 (0.7)	▼
Saudi Arabia	3 (0.8)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	40 (4.1)	▲
Florida, US	31 (2.8)	
Dubai, UAE	27 (1.8)	
Ontario, Canada	27 (2.4)	
Norway (4)	27 (2.5)	
Abu Dhabi, UAE	13 (1.5)	▼
Buenos Aires, Argentina	8 (1.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
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**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_06 (M061179): Choose operation to complete number sentence**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Russian Federation	90 (1.2)	▲
Hong Kong SAR	88 (1.7)	▲
Kazakhstan	87 (1.7)	▲
Singapore	87 (1.5)	▲
Korea, Rep. of	84 (1.4)	▲
Bulgaria	83 (1.9)	▲
Northern Ireland	81 (2.3)	▲
Chinese Taipei	79 (1.7)	▲
Japan	76 (1.9)	▲
Lithuania	72 (2.1)	▲
Cyprus	70 (2.1)	▲
Hungary	69 (2.2)	▲
Georgia	67 (2.5)	▲
Serbia	67 (2.4)	▲
Poland	66 (2.2)	▲
Belgium (Flemish)	66 (2.0)	▲
Ireland	64 (2.0)	▲
Netherlands	63 (2.4)	▲
Sweden	61 (2.3)	
Czech Republic	61 (2.3)	
Croatia	61 (2.4)	
England	60 (2.3)	
Slovak Republic	60 (2.3)	
Portugal	58 (1.8)	
Norway (5)	58 (2.3)	
United States	58 (1.5)	
International Avg.	57 (0.3)	
Finland	56 (2.0)	
Slovenia	56 (2.1)	
Germany	53 (2.1)	
Australia	50 (2.2)	▼
Spain	50 (2.0)	▼
Italy	50 (2.4)	▼
Denmark	49 (2.5)	▼
France	47 (2.7)	▼
Canada	45 (1.7)	▼
New Zealand	44 (1.6)	▼
Oman	40 (1.8)	▼
Turkey	39 (2.0)	▼
United Arab Emirates	38 (1.3)	▼
Chile	34 (2.2)	▼
Bahrain	32 (2.1)	▼
Indonesia	30 (2.4)	▼
Morocco	29 (2.1)	▼
Saudi Arabia	28 (2.1)	▼
Qatar	28 (2.0)	▼
Kuwait	23 (2.2)	▼
Iran, Islamic Rep. of	22 (2.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	68 (3.6)	▲
Dubai, UAE	53 (1.9)	
Quebec, Canada	52 (3.8)	
Norway (4)	49 (2.1)	▼
Ontario, Canada	44 (2.2)	▼
Buenos Aires, Argentina	33 (2.5)	▼
Abu Dhabi, UAE	33 (2.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
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**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_07 (M061052): Ravi and Indira pour water into a tank**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Korea, Rep. of	77 (2.0)	▲
Japan	76 (1.8)	▲
Singapore	76 (1.9)	▲
Czech Republic	70 (2.3)	▲
Poland	69 (2.2)	▲
Finland	69 (2.2)	▲
Russian Federation	69 (2.5)	▲
Bulgaria	67 (2.3)	▲
Lithuania	66 (2.3)	▲
Croatia	65 (2.7)	▲
Chinese Taipei	65 (2.2)	▲
Slovak Republic	65 (1.7)	▲
Ireland	65 (2.5)	▲
Northern Ireland	63 (2.7)	▲
Hungary	62 (2.2)	▲
Kazakhstan	61 (2.5)	▲
Hong Kong SAR	61 (2.7)	▲
Serbia	61 (2.4)	▲
Slovenia	60 (2.1)	▲
Portugal	60 (2.1)	▲
Cyprus	59 (2.0)	▲
Belgium (Flemish)	57 (2.1)	▲
Sweden	57 (2.4)	
Netherlands	56 (2.4)	
Norway (5)	56 (2.3)	
France	55 (2.6)	
Germany	55 (1.9)	
Georgia	55 (2.6)	
England	54 (2.6)	
United States	53 (1.7)	
<b>International Avg.</b>	<b>53 (0.3)</b>	
Australia	53 (2.3)	
Denmark	52 (2.5)	
New Zealand	47 (2.0)	▼
Spain	45 (2.0)	▼
Canada	44 (1.7)	▼
Italy	42 (2.3)	▼
Turkey	36 (1.7)	▼
United Arab Emirates	36 (1.1)	▼
Bahrain	35 (2.1)	▼
Chile	32 (2.2)	▼
Qatar	32 (2.6)	▼
Iran, Islamic Rep. of	28 (2.1)	▼
Oman	27 (1.6)	▼
Indonesia	26 (2.1)	▼
Morocco	23 (2.4)	▼
Saudi Arabia	20 (1.9)	▼
Kuwait	16 (1.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	57 (3.3)	
Quebec, Canada	55 (3.7)	
Norway (4)	47 (2.1)	▼
Dubai, UAE	47 (1.7)	▼
Ontario, Canada	41 (2.1)	▼
Abu Dhabi, UAE	34 (2.4)	▼
Buenos Aires, Argentina	29 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_08 (M061207): Length of line above ruler in cm**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Chinese Taipei	80 (1.9)	▲
Belgium (Flemish)	77 (2.0)	▲
Japan	76 (1.9)	▲
Korea, Rep. of	75 (2.2)	▲
Hong Kong SAR	72 (2.5)	▲
Russian Federation	69 (2.9)	▲
Poland	66 (2.4)	▲
Singapore	66 (2.2)	▲
Slovenia	65 (2.3)	▲
Denmark	64 (2.9)	▲
Netherlands	64 (2.4)	▲
Sweden	62 (2.6)	▲
Kazakhstan	62 (2.3)	▲
Bulgaria	60 (2.5)	▲
Norway (5)	60 (2.5)	▲
Lithuania	60 (2.4)	▲
Germany	59 (2.0)	▲
Czech Republic	58 (2.2)	▲
Finland	58 (2.3)	▲
Serbia	56 (2.4)	▲
Croatia	56 (2.4)	▲
Slovak Republic	55 (2.2)	▲
Hungary	51 (2.6)	
Northern Ireland	51 (2.6)	
<b>International Avg.</b>	<b>49 (0.3)</b>	
England	48 (2.4)	
Ireland	47 (2.2)	
France	46 (2.8)	
Australia	45 (2.5)	
Portugal	44 (2.3)	▼
Canada	41 (1.7)	▼
Spain	39 (2.1)	▼
Italy	36 (2.2)	▼
Cyprus	35 (2.0)	▼
United States	35 (1.4)	▼
New Zealand	34 (1.7)	▼
Iran, Islamic Rep. of	34 (2.8)	▼
Oman	33 (1.5)	▼
Georgia	32 (2.4)	▼
Morocco	28 (2.3)	▼
United Arab Emirates	27 (1.3)	▼
Bahrain	26 (1.9)	▼
Turkey	26 (1.5)	▼
Indonesia	25 (2.2)	▼
Saudi Arabia	24 (2.0)	▼
Kuwait	20 (1.7)	▼
Qatar	20 (1.9)	▼
Chile	19 (1.6)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	50 (3.4)	
Ontario, Canada	42 (2.6)	▼
Norway (4)	42 (2.5)	▼
Dubai, UAE	38 (1.9)	▼
Buenos Aires, Argentina	36 (3.2)	▼
Florida, US	33 (3.9)	▼
Abu Dhabi, UAE	22 (1.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_09 (M061236): Identify 2 acute angles from the figure**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	94 (1.0)	▲
Korea, Rep. of	89 (1.4)	▲
Chinese Taipei	85 (1.8)	▲
Singapore	81 (1.4)	▲
Japan	81 (1.6)	▲
Bulgaria	71 (2.3)	▲
Cyprus	70 (1.6)	▲
Belgium (Flemish)	67 (2.1)	▲
Northern Ireland	62 (2.5)	▲
Ireland	62 (2.5)	▲
England	58 (2.4)	▲
Turkey	55 (1.9)	▲
Hungary	53 (2.7)	▲
Norway (5)	52 (3.1)	▲
Spain	51 (2.4)	▲
Australia	50 (2.2)	▲
France	49 (2.2)	▲
Portugal	49 (2.4)	
Russian Federation	49 (3.1)	
Denmark	48 (2.9)	
United States	47 (1.6)	
Canada	46 (1.6)	
<b>International Avg.</b>	<b>44 (0.3)</b>	
Italy	44 (2.4)	
Finland	43 (2.0)	
Kazakhstan	42 (3.1)	
Germany	40 (2.3)	
Croatia	39 (2.4)	▼
Poland	35 (2.0)	▼
Sweden	34 (2.7)	▼
Saudi Arabia	32 (2.2)	▼
United Arab Emirates	31 (1.3)	▼
Lithuania	30 (2.2)	▼
Iran, Islamic Rep. of	30 (2.8)	▼
Bahrain	30 (2.3)	▼
Oman	29 (1.6)	▼
Qatar	29 (2.3)	▼
New Zealand	25 (2.1)	▼
Indonesia	25 (2.0)	▼
Slovenia	25 (1.8)	▼
Netherlands	25 (2.0)	▼
Morocco	23 (2.2)	▼
Chile	23 (1.5)	▼
Serbia	21 (2.0)	▼
Czech Republic	21 (2.0)	▼
Kuwait	21 (2.3)	▼
Slovak Republic	16 (1.7)	▼
Georgia	14 (1.9)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	58 (3.8)	▲
Florida, US	56 (3.4)	▲
Ontario, Canada	51 (2.2)	▲
Dubai, UAE	43 (2.3)	
Abu Dhabi, UAE	28 (2.5)	▼
Norway (4)	26 (2.2)	▼
Buenos Aires, Argentina	17 (2.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_10 (M061266): Table of triangles and squares for 3D shapes**  
**Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Japan	48 (2.1) ▲	67 (1.8) ▲
Northern Ireland	46 (3.2) ▲	62 (3.1) ▲
Portugal	43 (2.2) ▲	60 (2.1) ▲
Hong Kong SAR	41 (2.4) ▲	64 (2.3) ▲
Ireland	41 (2.7) ▲	61 (2.5) ▲
Australia	40 (2.2) ▲	58 (2.2) ▲
Lithuania	39 (2.1) ▲	53 (2.3) ▲
England	36 (2.4) ▲	57 (2.7) ▲
Korea, Rep. of	34 (2.2) ▲	55 (1.9) ▲
Cyprus	34 (1.9) ▲	53 (2.1) ▲
Chile	33 (1.9) ▲	52 (2.1) ▲
Hungary	33 (2.2) ▲	47 (2.3) ▲
Chinese Taipei	33 (1.9) ▲	54 (2.0) ▲
Germany	32 (2.0) ▲	47 (2.5) ▲
Finland	32 (2.0) ▲	48 (2.2) ▲
Norway (5)	32 (2.4) ▲	49 (2.4) ▲
Canada	31 (1.6) ▲	62 (1.8) ▲
Czech Republic	30 (2.0) ▲	47 (2.2) ▲
Singapore	30 (1.5) ▲	48 (1.7) ▲
Sweden	28 (2.4) ▲	44 (2.4) ▲
Russian Federation	28 (2.0) ▲	47 (2.1) ▲
Kazakhstan	28 (2.5) ▲	42 (2.7) ▲
Slovenia	28 (2.0) ▲	43 (2.4) ▲
United States	27 (1.2) ▲	44 (1.6) ▲
Serbia	25 (2.3) ▲	43 (2.8) ▲
Denmark	25 (2.1) ▲	35 (2.0) ▼
International Avg.	25 (0.3)	41 (0.3)
New Zealand	24 (1.8) ▲	39 (2.1) ▲
Spain	24 (2.0) ▲	40 (2.4) ▲
Bahrain	20 (1.6) ▼	38 (2.0) ▼
Bulgaria	20 (2.2) ▼	35 (2.6) ▼
Poland	19 (1.4) ▼	32 (1.9) ▼
France	17 (1.7) ▼	36 (2.4) ▼
United Arab Emirates	17 (0.9) ▼	30 (1.2) ▼
Croatia	16 (2.4) ▼	29 (2.2) ▼
Slovak Republic	16 (1.5) ▼	31 (1.9) ▼
Netherlands	15 (1.7) ▼	32 (2.2) ▼
Italy	13 (1.3) ▼	27 (2.2) ▼
Georgia	13 (1.5) ▼	22 (1.9) ▼
Turkey	13 (1.1) ▼	26 (1.6) ▼
Oman	13 (1.1) ▼	26 (1.4) ▼
Belgium (Flemish)	12 (1.3) ▼	28 (1.9) ▼
Qatar	12 (1.1) ▼	22 (1.6) ▼
Morocco	12 (1.6) ▼	23 (2.1) ▼
Saudi Arabia	7 (1.2) ▼	21 (1.9) ▼
Indonesia	5 (1.0) ▼	10 (1.5) ▼
Kuwait	5 (1.5) ▼	10 (2.0) ▼
Iran, Islamic Rep. of	4 (0.9) ▼	9 (1.6) ▼
<b>Benchmarking Participants</b>		
Ontario, Canada	42 (2.7) ▲	65 (2.2) ▲
Dubai, UAE	29 (1.5) ▲	42 (1.7) ▲
Florida, US	23 (2.8) ▲	37 (3.3) ▲
Quebec, Canada	22 (2.2) ▲	76 (3.1) ▲
Norway (4)	21 (1.7) ▼	35 (2.3) ▼
Abu Dhabi, UAE	13 (1.6) ▼	28 (2.3) ▼
Buenos Aires, Argentina	6 (1.1) ▼	17 (2.0) ▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M10\_11 (M061106): Identify pie chart that represents Sam's plants**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Korea, Rep. of	89 (1.3)	▲
Hong Kong SAR	84 (2.3)	▲
Chinese Taipei	80 (1.7)	▲
Singapore	79 (1.6)	▲
Japan	79 (1.8)	▲
Russian Federation	78 (2.1)	▲
Lithuania	75 (2.1)	▲
Kazakhstan	72 (2.5)	▲
Slovenia	70 (2.0)	▲
Norway (5)	69 (2.4)	▲
United States	69 (1.3)	▲
Poland	69 (2.0)	▲
Cyprus	68 (2.3)	▲
Finland	68 (2.2)	▲
Czech Republic	68 (2.0)	▲
Denmark	68 (2.1)	▲
Spain	67 (2.3)	▲
Hungary	66 (2.5)	
Australia	65 (2.4)	
Northern Ireland	65 (3.0)	
Sweden	64 (2.2)	
Germany	64 (1.9)	
Ireland	63 (2.3)	
Canada	63 (1.6)	
Slovak Republic	63 (2.1)	
Portugal	63 (2.0)	
Serbia	63 (2.8)	
Croatia	62 (2.4)	
Italy	62 (2.2)	
<b>International Avg.</b>	<b>61 (0.3)</b>	
England	61 (2.0)	
Belgium (Flemish)	61 (1.9)	
Bulgaria	61 (2.6)	
Netherlands	60 (2.3)	
Turkey	60 (1.8)	
New Zealand	59 (2.1)	
Bahrain	53 (2.9)	▼
France	53 (3.2)	▼
United Arab Emirates	51 (1.1)	▼
Oman	47 (1.7)	▼
Georgia	46 (2.5)	▼
Qatar	45 (1.7)	▼
Saudi Arabia	43 (2.3)	▼
Indonesia	42 (2.6)	▼
Chile	34 (1.9)	▼
Kuwait	34 (2.0)	▼
Iran, Islamic Rep. of	32 (2.8)	▼
Morocco	29 (1.8)	▼
<b>Benchmarking Participants</b>		
Florida, US	70 (2.6)	▲
Dubai, UAE	68 (1.9)	▲
Ontario, Canada	66 (2.2)	▲
Quebec, Canada	63 (3.2)	
Norway (4)	52 (2.5)	▼
Abu Dhabi, UAE	45 (2.3)	▼
Buenos Aires, Argentina	35 (2.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M11\_01 (M051401): Number of pencils 9 boxes hold**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	70 (2.2)	▲
Bulgaria	69 (2.1)	▲
Russian Federation	68 (2.4)	▲
Kazakhstan	59 (2.5)	▲
Japan	59 (1.7)	▲
Chinese Taipei	59 (2.4)	▲
Lithuania	54 (2.5)	▲
Poland	52 (2.3)	▲
Norway (5)	52 (2.0)	▲
Denmark	50 (2.7)	▲
Czech Republic	50 (2.0)	▲
France	50 (2.6)	▲
Slovenia	49 (2.7)	▲
Hungary	48 (2.1)	▲
Georgia	45 (2.3)	▲
Korea, Rep. of	45 (2.4)	▲
Ireland	44 (2.5)	▲
Turkey	43 (1.7)	▲
Serbia	42 (2.5)	
Slovak Republic	41 (1.7)	▲
Canada	41 (1.6)	▲
Italy	41 (2.3)	
United States	41 (1.5)	
Singapore	39 (1.8)	
<b>International Avg.</b>	<b>38 (0.3)</b>	
Portugal	37 (2.1)	
Chile	36 (2.0)	
Cyprus	36 (1.8)	
Germany	35 (2.3)	
Australia	34 (2.3)	
Northern Ireland	33 (2.7)	▼
England	33 (2.3)	▼
New Zealand	32 (1.8)	▼
Croatia	32 (2.7)	▼
Sweden	30 (2.6)	▼
Spain	27 (1.7)	▼
Finland	25 (2.3)	▼
Bahrain	25 (1.6)	▼
Belgium (Flemish)	24 (2.0)	▼
Iran, Islamic Rep. of	24 (2.3)	▼
Netherlands	21 (1.9)	▼
United Arab Emirates	16 (0.9)	▼
Saudi Arabia	16 (1.6)	▼
Oman	14 (1.1)	▼
Qatar	14 (1.5)	▼
Indonesia	13 (1.7)	▼
Morocco	8 (1.7)	▼
Kuwait	8 (1.9)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	65 (3.9)	▲
Florida, US	42 (2.6)	
Norway (4)	35 (2.4)	
Ontario, Canada	33 (1.9)	▼
Dubai, UAE	27 (1.8)	▼
Buenos Aires, Argentina	27 (2.5)	▼
Abu Dhabi, UAE	10 (1.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

# TIMSS 2015 Percent Correct Statistics for Achievement Items

M11\_02 (M051075): Fraction equal to 0.4  
 Multiple Choice (Key is C)

Country	Percent Correct	
Singapore	93 (1.0)	▲
Hong Kong SAR	93 (1.4)	▲
Portugal	81 (1.8)	▲
Korea, Rep. of	81 (2.1)	▲
Belgium (Flemish)	78 (2.1)	▲
Chinese Taipei	78 (2.1)	▲
Ireland	76 (2.3)	▲
Italy	72 (2.3)	▲
Iran, Islamic Rep. of	66 (3.2)	▲
United States	65 (1.7)	▲
Bahrain	61 (2.8)	▲
Northern Ireland	61 (3.3)	▲
Oman	60 (2.0)	▲
Lithuania	60 (2.8)	▲
Japan	59 (1.9)	▲
Qatar	58 (2.2)	▲
Saudi Arabia	57 (2.1)	▲
England	55 (2.3)	▲
Spain	54 (2.3)	▲
United Arab Emirates	51 (1.3)	▲
Finland	48 (2.9)	
Australia	47 (2.2)	
Kazakhstan	46 (3.0)	
<b>International Avg.</b>	<b>46 (0.3)</b>	
Chile	45 (2.7)	
Turkey	44 (2.2)	
Indonesia	36 (2.2)	▼
Russian Federation	36 (2.1)	▼
Kuwait	36 (2.7)	▼
Morocco	35 (2.6)	▼
Cyprus	35 (3.2)	▼
Poland	35 (2.8)	▼
Norway (5)	34 (2.6)	▼
Canada	31 (1.9)	▼
Bulgaria	30 (2.7)	▼
Denmark	27 (2.3)	▼
France	27 (2.6)	▼
New Zealand	26 (1.6)	▼
Slovak Republic	21 (1.7)	▼
Georgia	20 (2.8)	▼
Serbia	19 (1.9)	▼
Croatia	19 (2.0)	▼
Sweden	18 (2.1)	▼
Hungary	16 (1.5)	▼
Germany	16 (1.6)	▼
Netherlands	16 (2.1)	▼
Czech Republic	11 (1.4)	▼
Slovenia	10 (1.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	81 (3.4)	▲
Dubai, UAE	58 (1.9)	▲
Quebec, Canada	38 (3.4)	▼
Abu Dhabi, UAE	37 (2.6)	▼
Ontario, Canada	26 (3.0)	▼
Norway (4)	13 (1.7)	▼
Buenos Aires, Argentina	13 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
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 International Study Center  
 Lynch School of Education, Boston College

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M11\_03 (M051402): Weight of the Sam's rods**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Chinese Taipei	89 (1.3)	▲
Hong Kong SAR	82 (2.5)	▲
Singapore	77 (1.8)	▲
Japan	76 (2.1)	▲
Korea, Rep. of	73 (2.3)	▲
Russian Federation	70 (2.6)	▲
Portugal	66 (2.4)	▲
Bulgaria	63 (2.2)	▲
Kazakhstan	63 (2.4)	▲
Serbia	59 (2.3)	▲
Spain	58 (2.4)	▲
Lithuania	57 (2.8)	▲
Turkey	56 (1.8)	▲
Italy	54 (2.4)	▲
United States	52 (1.9)	▲
Northern Ireland	47 (3.2)	▲
Croatia	46 (2.7)	▲
Ireland	44 (2.7)	
England	43 (2.4)	
Georgia	42 (2.5)	
<b>International Avg.</b>	<b>39 (0.3)</b>	
Hungary	38 (2.3)	
Czech Republic	38 (2.5)	
Denmark	35 (2.0)	
France	34 (2.9)	
Poland	31 (1.8)	▼
Netherlands	29 (2.1)	▼
Germany	29 (2.0)	▼
Cyprus	28 (2.4)	▼
Norway (5)	28 (2.3)	▼
United Arab Emirates	27 (1.0)	▼
Canada	25 (1.5)	▼
Iran, Islamic Rep. of	24 (2.4)	▼
Qatar	24 (2.4)	▼
Belgium (Flemish)	24 (1.9)	▼
Australia	20 (1.9)	▼
Sweden	19 (2.0)	▼
Bahrain	19 (2.2)	▼
Morocco	19 (2.3)	▼
Slovenia	18 (1.9)	▼
Indonesia	17 (2.1)	▼
Slovak Republic	17 (1.4)	▼
Oman	16 (1.4)	▼
Chile	16 (1.4)	▼
New Zealand	15 (1.3)	▼
Finland	14 (1.6)	▼
Saudi Arabia	11 (1.6)	▼
Kuwait	5 (1.1)	▼
<b>Benchmarking Participants</b>		
Florida, US	52 (2.9)	▲
Dubai, UAE	39 (1.8)	
Buenos Aires, Argentina	28 (2.8)	▼
Ontario, Canada	28 (2.0)	▼
Quebec, Canada	26 (3.8)	▼
Abu Dhabi, UAE	21 (1.9)	▼
Norway (4)	14 (1.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M11\_04 (M051226): Pattern with 2/3 shapes shaded**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Hong Kong SAR	85 (1.9)	▲
Singapore	79 (1.7)	▲
Cyprus	71 (2.0)	▲
Chinese Taipei	71 (2.2)	▲
Korea, Rep. of	70 (1.8)	▲
United States	68 (1.4)	▲
Japan	68 (2.0)	▲
Belgium (Flemish)	67 (2.1)	▲
Norway (5)	66 (2.3)	▲
Northern Ireland	65 (2.9)	▲
Ireland	64 (2.8)	▲
Finland	61 (2.7)	▲
Denmark	58 (2.0)	▲
Australia	58 (2.2)	▲
Poland	57 (2.4)	▲
Portugal	56 (2.2)	▲
Netherlands	55 (2.5)	
Italy	54 (2.2)	
England	54 (2.2)	
Kazakhstan	53 (3.3)	
Russian Federation	53 (2.0)	
Lithuania	52 (2.3)	
New Zealand	51 (2.1)	
<b>International Avg.</b>	<b>50 (0.3)</b>	
Canada	50 (1.7)	
Sweden	48 (2.5)	
United Arab Emirates	47 (1.3)	▼
Chile	46 (2.2)	
Serbia	46 (2.9)	
Spain	46 (2.5)	
Iran, Islamic Rep. of	45 (3.1)	
Turkey	45 (1.8)	▼
Bahrain	44 (2.1)	▼
Qatar	42 (2.2)	▼
Slovenia	41 (2.2)	▼
Czech Republic	40 (1.9)	▼
Oman	40 (1.8)	▼
Hungary	39 (2.1)	▼
Saudi Arabia	38 (2.4)	▼
Bulgaria	37 (2.7)	▼
France	36 (2.8)	▼
Kuwait	34 (2.5)	▼
Indonesia	32 (2.0)	▼
Morocco	31 (2.5)	▼
Croatia	28 (2.2)	▼
Slovak Republic	28 (2.1)	▼
Georgia	27 (2.5)	▼
Germany	24 (1.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	70 (3.2)	▲
Quebec, Canada	59 (3.0)	▲
Dubai, UAE	57 (1.6)	▲
Ontario, Canada	49 (2.5)	
Abu Dhabi, UAE	40 (2.5)	▼
Norway (4)	39 (2.3)	▼
Buenos Aires, Argentina	22 (2.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M11\_05 (M051131): What number triangle stands for  
Constructed Response (1 Point)**

Country	Percent Correct	
Kazakhstan	82 (2.0)	▲
Russian Federation	81 (1.8)	▲
Hong Kong SAR	78 (2.1)	▲
Singapore	78 (1.8)	▲
Cyprus	77 (1.8)	▲
Japan	76 (2.0)	▲
Lithuania	76 (2.2)	▲
Slovenia	74 (2.0)	▲
Bulgaria	74 (2.3)	▲
Belgium (Flemish)	73 (2.0)	▲
Czech Republic	73 (2.2)	▲
Serbia	72 (2.3)	▲
Slovak Republic	71 (1.9)	▲
Georgia	70 (2.6)	▲
Korea, Rep. of	70 (2.3)	▲
Northern Ireland	69 (2.8)	▲
Croatia	68 (2.4)	▲
Chinese Taipei	66 (2.4)	▲
Hungary	65 (2.1)	▲
Netherlands	63 (2.1)	▲
Finland	63 (2.1)	▲
Ireland	61 (2.2)	▲
Poland	59 (2.8)	▲
United States	56 (1.6)	▲
Germany	56 (1.9)	▲
<b>International Avg.</b>	<b>51 (0.3)</b>	
England	48 (2.4)	
Norway (5)	46 (2.5)	▼
Sweden	45 (2.7)	▼
Italy	40 (2.8)	▼
New Zealand	39 (2.3)	▼
United Arab Emirates	35 (1.2)	▼
Australia	35 (2.2)	▼
Turkey	34 (1.8)	▼
Canada	34 (1.6)	▼
Iran, Islamic Rep. of	32 (2.6)	▼
Oman	31 (1.6)	▼
Bahrain	30 (2.2)	▼
Qatar	29 (1.9)	▼
Denmark	29 (2.3)	▼
Portugal	26 (2.1)	▼
Saudi Arabia	25 (2.4)	▼
Spain	25 (1.9)	▼
Kuwait	20 (2.0)	▼
France	15 (2.1)	▼
Chile	14 (1.6)	▼
Morocco	12 (2.0)	▼
Indonesia	12 (1.7)	▼
<b>Benchmarking Participants</b>		
Florida, US	64 (3.1)	▲
Quebec, Canada	48 (3.4)	
Dubai, UAE	47 (1.8)	▼
Norway (4)	37 (2.5)	▼
Ontario, Canada	29 (3.1)	▼
Abu Dhabi, UAE	29 (2.7)	▼
Buenos Aires, Argentina	9 (1.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
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( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M11\_06 (M051103): Add 2 to 2.25**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Hong Kong SAR	88 (1.9)	▲
Chinese Taipei	88 (1.2)	▲
Japan	88 (1.3)	▲
Belgium (Flemish)	87 (1.4)	▲
Singapore	86 (1.4)	▲
Korea, Rep. of	85 (1.8)	▲
Denmark	78 (2.0)	▲
Finland	76 (1.8)	▲
Norway (5)	76 (2.0)	▲
Poland	75 (2.1)	▲
Portugal	73 (1.7)	▲
Netherlands	71 (2.3)	▲
Italy	68 (2.1)	▲
Russian Federation	67 (2.1)	▲
England	66 (2.6)	▲
Northern Ireland	66 (2.7)	▲
Ireland	65 (2.4)	▲
Sweden	64 (2.4)	▲
Croatia	64 (2.2)	▲
Slovenia	62 (1.8)	
New Zealand	62 (2.0)	
France	61 (1.9)	
Spain	61 (2.5)	
Australia	60 (2.8)	
<b>International Avg.</b>	<b>59 (0.3)</b>	
Czech Republic	59 (2.2)	
Hungary	57 (1.8)	
Lithuania	57 (2.5)	
Kazakhstan	57 (2.5)	
Canada	55 (1.5)	▼
Iran, Islamic Rep. of	54 (3.1)	
Cyprus	52 (2.1)	▼
Turkey	52 (1.8)	▼
United States	51 (1.7)	▼
Germany	51 (2.0)	▼
Serbia	50 (2.5)	▼
United Arab Emirates	49 (1.2)	▼
Slovak Republic	48 (2.1)	▼
Qatar	48 (2.3)	▼
Georgia	47 (2.5)	▼
Bulgaria	44 (2.8)	▼
Oman	31 (1.7)	▼
Bahrain	31 (2.2)	▼
Saudi Arabia	31 (2.0)	▼
Chile	30 (2.0)	▼
Indonesia	28 (2.1)	▼
Kuwait	28 (2.8)	▼
Morocco	22 (2.0)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	65 (2.6)	▲
Dubai, UAE	58 (2.1)	
Ontario, Canada	54 (2.2)	▼
Norway (4)	51 (2.5)	▼
Florida, US	49 (3.3)	▼
Abu Dhabi, UAE	46 (2.2)	▼
Buenos Aires, Argentina	33 (2.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M11\_07 (M051217): Length of the line in cm**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	66 (1.9)	▲
Japan	62 (1.9)	▲
Chinese Taipei	61 (2.1)	▲
Singapore	55 (2.3)	▲
Sweden	54 (2.2)	▲
Hong Kong SAR	53 (2.6)	▲
Kazakhstan	52 (2.7)	▲
Norway (5)	52 (2.4)	▲
Denmark	50 (2.5)	▲
Belgium (Flemish)	48 (2.4)	▲
Finland	47 (2.2)	▲
Slovenia	46 (2.0)	▲
Poland	45 (2.4)	▲
Germany	45 (2.1)	▲
Netherlands	43 (2.5)	▲
Northern Ireland	42 (3.0)	▲
Czech Republic	40 (2.2)	▲
England	38 (2.3)	▲
Serbia	37 (2.9)	
Hungary	36 (1.9)	
Portugal	36 (2.5)	
Lithuania	35 (2.3)	
Croatia	34 (2.5)	
Bulgaria	33 (2.1)	
<b>International Avg.</b>	<b>33 (0.3)</b>	
Russian Federation	33 (1.9)	
France	29 (2.3)	
Australia	29 (2.0)	▼
Ireland	29 (2.3)	
Italy	29 (2.4)	
Slovak Republic	28 (1.6)	▼
New Zealand	24 (1.7)	▼
Spain	24 (1.9)	▼
Canada	23 (1.4)	▼
United States	22 (1.2)	▼
Iran, Islamic Rep. of	21 (2.2)	▼
Cyprus	21 (1.7)	▼
Turkey	19 (1.4)	▼
Oman	18 (1.5)	▼
United Arab Emirates	17 (1.1)	▼
Georgia	17 (1.9)	▼
Bahrain	15 (2.0)	▼
Qatar	12 (1.4)	▼
Morocco	11 (1.8)	▼
Chile	9 (1.1)	▼
Saudi Arabia	8 (1.5)	▼
Indonesia	8 (1.2)	▼
Kuwait	4 (1.2)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	32 (3.4)	
Dubai, UAE	29 (1.7)	▼
Norway (4)	27 (2.3)	▼
Ontario, Canada	21 (1.9)	▼
Florida, US	20 (2.6)	▼
Abu Dhabi, UAE	12 (1.9)	▼
Buenos Aires, Argentina	11 (1.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M11\_08 (M051079): Draw angle less than right angle**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Singapore	81 (1.6)	▲
Hong Kong SAR	74 (2.5)	▲
Korea, Rep. of	73 (1.8)	▲
England	65 (2.1)	▲
Ireland	65 (2.3)	▲
Portugal	62 (1.8)	▲
Northern Ireland	61 (2.6)	▲
Bulgaria	61 (2.8)	▲
Chinese Taipei	57 (2.3)	▲
Russian Federation	57 (2.6)	▲
Japan	56 (1.9)	▲
Norway (5)	56 (2.1)	▲
United States	55 (1.7)	▲
Croatia	50 (2.6)	▲
Belgium (Flemish)	50 (2.4)	▲
Spain	50 (2.1)	▲
Denmark	48 (2.8)	▲
Australia	47 (2.2)	▲
Cyprus	44 (2.0)	
Sweden	43 (2.9)	
Slovenia	43 (2.1)	
Poland	43 (2.4)	
Italy	43 (2.7)	
<b>International Avg.</b>	<b>43 (0.3)</b>	
Serbia	42 (2.4)	
Iran, Islamic Rep. of	39 (3.2)	
Lithuania	38 (2.7)	
Canada	37 (1.5)	▼
Hungary	37 (2.3)	▼
Czech Republic	36 (2.0)	▼
Kazakhstan	36 (3.1)	▼
France	35 (2.5)	▼
Oman	34 (1.7)	▼
Germany	33 (2.1)	▼
Slovak Republic	32 (2.3)	▼
Turkey	31 (2.1)	▼
Chile	31 (2.2)	▼
New Zealand	31 (2.2)	▼
Bahrain	31 (1.7)	▼
Finland	30 (2.3)	▼
United Arab Emirates	30 (1.1)	▼
Qatar	26 (1.9)	▼
Netherlands	25 (1.9)	▼
Saudi Arabia	19 (2.0)	▼
Georgia	19 (2.3)	▼
Morocco	17 (2.1)	▼
Kuwait	13 (1.5)	▼
Indonesia	12 (1.8)	▼
<b>Benchmarking Participants</b>		
Florida, US	65 (3.3)	▲
Dubai, UAE	48 (1.6)	▲
Ontario, Canada	48 (2.3)	▲
Norway (4)	32 (2.6)	▼
Quebec, Canada	32 (3.0)	▼
Abu Dhabi, UAE	24 (2.0)	▼
Buenos Aires, Argentina	21 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 () Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M11\_09 (M051211): View of solid shape from above**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Korea, Rep. of	87 (1.4)	▲
Japan	86 (1.6)	▲
Netherlands	86 (1.6)	▲
Belgium (Flemish)	84 (1.5)	▲
Hong Kong SAR	84 (1.9)	▲
Denmark	83 (1.8)	▲
Finland	82 (1.8)	▲
Germany	82 (1.8)	▲
Singapore	80 (1.6)	▲
Russian Federation	79 (2.1)	▲
Sweden	78 (2.2)	▲
Czech Republic	77 (1.7)	▲
Slovenia	76 (1.8)	▲
Norway (5)	76 (2.2)	▲
Poland	75 (1.9)	▲
Slovak Republic	74 (2.2)	▲
Lithuania	73 (2.3)	▲
Cyprus	73 (1.9)	▲
Hungary	72 (1.8)	▲
Chinese Taipei	72 (1.8)	▲
Kazakhstan	71 (2.5)	▲
Australia	70 (2.4)	▲
Italy	70 (2.1)	▲
Bulgaria	67 (2.1)	
Chile	65 (2.5)	
Croatia	65 (2.2)	
International Avg.	65 (0.3)	
Spain	63 (2.0)	
New Zealand	63 (1.9)	
Ireland	63 (2.1)	
England	63 (2.6)	
Portugal	62 (2.1)	
France	61 (2.3)	
United States	61 (1.4)	▼
Georgia	59 (2.6)	▼
Canada	59 (1.7)	▼
Serbia	58 (2.8)	▼
Northern Ireland	53 (2.8)	▼
Iran, Islamic Rep. of	48 (3.0)	▼
United Arab Emirates	45 (1.4)	▼
Turkey	44 (1.7)	▼
Qatar	44 (2.1)	▼
Kuwait	37 (2.4)	▼
Bahrain	37 (2.7)	▼
Oman	36 (1.3)	▼
Indonesia	32 (2.1)	▼
Saudi Arabia	28 (2.1)	▼
Morocco	26 (2.2)	▼
<b>Benchmarking Participants</b>		
Norway (4)	71 (2.2)	▲
Ontario, Canada	60 (2.4)	
Quebec, Canada	59 (3.4)	
Dubai, UAE	56 (1.9)	▼
Florida, US	56 (3.5)	▼
Abu Dhabi, UAE	42 (2.8)	▼
Buenos Aires, Argentina	38 (2.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M11\_10 (M051102): Area of the given rectangle**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Chinese Taipei	92 (1.2)	▲
Hong Kong SAR	88 (2.1)	▲
Singapore	86 (1.4)	▲
Kazakhstan	83 (2.3)	▲
Japan	80 (1.8)	▲
Russian Federation	78 (1.6)	▲
Bulgaria	78 (2.2)	▲
Lithuania	72 (2.5)	▲
Northern Ireland	72 (2.6)	▲
Cyprus	60 (2.4)	▲
Serbia	59 (2.9)	▲
Portugal	58 (2.3)	▲
United States	56 (1.6)	▲
Denmark	51 (2.5)	▲
Netherlands	50 (3.1)	▲
Norway (5)	49 (2.5)	▲
England	48 (2.5)	▲
Croatia	45 (3.2)	
<b>International Avg.</b>	<b>43 (0.3)</b>	
Oman	40 (1.6)	
Ireland	40 (2.9)	
Belgium (Flemish)	37 (2.5)	▼
Iran, Islamic Rep. of	37 (3.1)	▼
Morocco	36 (2.8)	▼
Australia	35 (2.1)	▼
United Arab Emirates	32 (1.3)	▼
Italy	32 (2.9)	▼
Turkey	32 (2.0)	▼
Hungary	31 (2.2)	▼
Indonesia	30 (2.3)	▼
Canada	30 (1.4)	▼
Poland	29 (2.6)	▼
Czech Republic	29 (2.2)	▼
Georgia	29 (2.9)	▼
New Zealand	28 (1.8)	▼
Qatar	27 (1.6)	▼
Saudi Arabia	27 (2.2)	▼
Sweden	26 (2.5)	▼
Chile	25 (2.4)	▼
Germany	24 (1.9)	▼
Slovak Republic	24 (2.0)	▼
Bahrain	24 (2.0)	▼
Slovenia	22 (1.9)	▼
Kuwait	21 (2.4)	▼
Finland	21 (1.7)	▼
Korea, Rep. of	18 (1.8)	▼
Spain	15 (1.0)	▼
France	13 (1.9)	▼
<b>Benchmarking Participants</b>		
Florida, US	60 (3.7)	▲
Dubai, UAE	43 (2.5)	
Quebec, Canada	36 (2.8)	▼
Norway (4)	30 (2.6)	▼
Abu Dhabi, UAE	29 (2.5)	▼
Ontario, Canada	29 (2.5)	▼
Buenos Aires, Argentina	7 (1.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M11\_11 (M051009): Family water use each day**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Japan	76 (1.7)	▲
Chinese Taipei	73 (1.8)	▲
Singapore	71 (1.8)	▲
Hong Kong SAR	70 (2.3)	▲
Korea, Rep. of	65 (2.0)	▲
Russian Federation	65 (2.7)	▲
Netherlands	64 (2.3)	▲
Norway (5)	63 (2.1)	▲
Belgium (Flemish)	63 (2.2)	▲
Lithuania	62 (2.4)	▲
Germany	62 (2.4)	▲
Hungary	60 (2.2)	▲
Kazakhstan	60 (2.5)	▲
Czech Republic	59 (2.5)	▲
Sweden	59 (2.6)	▲
Poland	59 (2.3)	▲
England	58 (2.2)	▲
Portugal	58 (2.7)	▲
Serbia	58 (2.6)	▲
Northern Ireland	57 (2.7)	▲
Bulgaria	57 (2.7)	▲
Finland	57 (2.3)	▲
Ireland	57 (2.3)	▲
Denmark	56 (1.8)	▲
United States	55 (1.5)	▲
Croatia	53 (2.2)	
Slovenia	51 (2.3)	
<b>International Avg.</b>	<b>50 (0.3)</b>	
Slovak Republic	50 (2.0)	
Spain	49 (2.2)	
Canada	48 (1.6)	
Cyprus	46 (2.2)	
Italy	46 (1.7)	▼
France	44 (2.2)	▼
Turkey	43 (1.9)	▼
Australia	42 (1.8)	▼
New Zealand	42 (1.9)	▼
Georgia	40 (2.7)	▼
Chile	39 (2.0)	▼
United Arab Emirates	33 (1.2)	▼
Iran, Islamic Rep. of	32 (2.8)	▼
Bahrain	29 (1.8)	▼
Qatar	28 (2.1)	▼
Indonesia	23 (2.1)	▼
Oman	22 (1.3)	▼
Morocco	17 (2.3)	▼
Saudi Arabia	14 (1.9)	▼
Kuwait	12 (1.4)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	61 (3.4)	▲
Florida, US	56 (2.2)	▲
Dubai, UAE	48 (2.6)	
Norway (4)	44 (2.4)	▼
Ontario, Canada	44 (2.3)	▼
Abu Dhabi, UAE	29 (2.3)	▼
Buenos Aires, Argentina	20 (2.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M11\_12 (M051100): Favorite season of students**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Japan	79 (1.8)	▲
Korea, Rep. of	78 (1.6)	▲
Norway (5)	73 (2.3)	▲
Hong Kong SAR	70 (2.4)	▲
Singapore	69 (1.6)	▲
Sweden	68 (2.9)	▲
Germany	67 (2.1)	▲
Netherlands	67 (2.2)	▲
Denmark	67 (2.6)	▲
Northern Ireland	65 (2.4)	▲
Finland	64 (2.3)	▲
United States	63 (1.5)	▲
Ireland	61 (2.0)	▲
Slovenia	61 (2.3)	▲
Hungary	61 (2.4)	▲
Australia	61 (2.2)	▲
Czech Republic	60 (2.1)	▲
Portugal	60 (2.3)	
Lithuania	60 (2.4)	
Chinese Taipei	60 (1.8)	▲
Poland	60 (2.0)	
Canada	59 (1.5)	
England	59 (2.2)	
Belgium (Flemish)	58 (1.8)	
Kazakhstan	57 (2.5)	
Russian Federation	57 (2.5)	
Spain	56 (2.2)	
<b>International Avg.</b>	<b>56 (0.3)</b>	
New Zealand	56 (1.9)	
Slovak Republic	54 (2.0)	
Cyprus	53 (2.0)	
Bulgaria	53 (2.5)	
Croatia	52 (2.6)	
Serbia	52 (3.0)	
France	52 (2.1)	▼
Chile	51 (2.0)	▼
United Arab Emirates	51 (1.2)	▼
Italy	50 (2.4)	▼
Qatar	50 (2.2)	▼
Oman	47 (1.7)	▼
Turkey	46 (1.8)	▼
Bahrain	44 (3.1)	▼
Indonesia	43 (2.5)	▼
Iran, Islamic Rep. of	38 (2.9)	▼
Georgia	37 (2.4)	▼
Kuwait	34 (2.6)	▼
Morocco	28 (2.1)	▼
Saudi Arabia	27 (2.0)	▼
<b>Benchmarking Participants</b>		
Florida, US	66 (2.4)	▲
Ontario, Canada	64 (2.2)	▲
Dubai, UAE	58 (1.8)	
Quebec, Canada	55 (3.5)	
Norway (4)	52 (2.6)	
Abu Dhabi, UAE	51 (2.0)	▼
Buenos Aires, Argentina	30 (2.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M12\_01 (M061178): Round Mount Everest height to nearest 1000**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Chinese Taipei	91 (1.3)	▲
Japan	84 (1.5)	▲
Germany	79 (1.8)	▲
Czech Republic	76 (1.7)	▲
Northern Ireland	76 (2.5)	▲
United States	76 (1.2)	▲
Ireland	75 (2.4)	▲
Singapore	74 (1.9)	▲
Hungary	74 (1.8)	▲
England	72 (2.2)	▲
Norway (5)	69 (2.1)	▲
Denmark	69 (2.5)	▲
Korea, Rep. of	68 (2.2)	▲
Finland	67 (1.9)	▲
Sweden	66 (2.4)	▲
Slovak Republic	63 (2.4)	▲
Netherlands	60 (3.4)	▲
Lithuania	60 (2.8)	▲
Australia	57 (2.0)	▲
Belgium (Flemish)	52 (2.3)	▲
Canada	51 (2.1)	▲
New Zealand	51 (2.3)	
Cyprus	47 (2.0)	
<b>International Avg.</b>	<b>47 (0.3)</b>	
Bulgaria	38 (3.0)	▼
Russian Federation	38 (2.3)	▼
Spain	38 (2.6)	▼
Bahrain	37 (2.3)	▼
Georgia	36 (2.8)	▼
Slovenia	35 (2.3)	▼
Portugal	35 (2.0)	▼
Qatar	34 (1.8)	▼
Turkey	32 (1.7)	▼
United Arab Emirates	32 (1.5)	▼
Kazakhstan	30 (3.0)	▼
Oman	29 (1.5)	▼
Saudi Arabia	27 (2.1)	▼
France	26 (2.4)	▼
Poland	24 (2.0)	▼
Italy	22 (2.2)	▼
Chile	20 (1.7)	▼
Hong Kong SAR	20 (2.9)	▼
Serbia	18 (1.7)	▼
Kuwait	16 (2.7)	▼
Croatia	14 (2.0)	▼
Iran, Islamic Rep. of	14 (2.0)	▼
Indonesia	13 (1.8)	▼
Morocco	5 (1.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	79 (2.6)	▲
Ontario, Canada	55 (2.4)	▲
Quebec, Canada	51 (4.5)	
Dubai, UAE	50 (2.4)	
Norway (4)	49 (2.7)	
Abu Dhabi, UAE	22 (2.4)	▼
Buenos Aires, Argentina	9 (1.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M12\_02 (M061246): Number that is even and multiple of 7**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Northern Ireland	82 (2.3)	▲
Singapore	80 (1.7)	▲
Hungary	78 (1.8)	▲
England	78 (1.5)	▲
Portugal	77 (1.8)	▲
Russian Federation	69 (2.4)	▲
Bulgaria	68 (2.3)	▲
Korea, Rep. of	68 (2.1)	▲
Ireland	68 (2.3)	▲
Sweden	68 (2.3)	▲
United States	67 (1.6)	▲
Serbia	66 (2.3)	▲
Kazakhstan	65 (2.4)	▲
Chinese Taipei	65 (2.0)	▲
Belgium (Flemish)	62 (2.4)	▲
Germany	62 (2.2)	▲
Poland	62 (2.4)	▲
Australia	61 (2.6)	▲
Hong Kong SAR	60 (3.0)	▲
Slovak Republic	59 (1.9)	▲
Croatia	59 (2.5)	▲
Slovenia	58 (2.4)	▲
Italy	57 (2.6)	▲
Canada	56 (1.5)	▲
Finland	53 (2.3)	
<b>International Avg.</b>	<b>52 (0.3)</b>	
Czech Republic	50 (2.2)	
New Zealand	50 (2.1)	
Norway (5)	48 (2.7)	
Spain	47 (2.4)	▼
Cyprus	45 (2.6)	▼
Denmark	45 (2.4)	▼
Turkey	45 (1.8)	▼
United Arab Emirates	44 (1.4)	▼
Japan	44 (2.3)	▼
France	39 (2.0)	▼
Bahrain	39 (2.8)	▼
Georgia	39 (2.7)	▼
Qatar	38 (2.0)	▼
Oman	34 (1.6)	▼
Lithuania	33 (2.4)	▼
Netherlands	31 (2.5)	▼
Kuwait	27 (2.2)	▼
Iran, Islamic Rep. of	26 (2.7)	▼
Indonesia	21 (2.1)	▼
Chile	21 (1.5)	▼
Morocco	19 (2.7)	▼
Saudi Arabia	12 (1.7)	▼
<b>Benchmarking Participants</b>		
Florida, US	76 (2.6)	▲
Quebec, Canada	66 (3.2)	▲
Dubai, UAE	64 (1.8)	▲
Ontario, Canada	53 (2.1)	
Norway (4)	41 (2.4)	▼
Buenos Aires, Argentina	34 (2.7)	▼
Abu Dhabi, UAE	33 (2.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

M12\_03 (M061271): 6 x 312 =  
Constructed Response (1 Point)

Country	Percent Correct	
Chinese Taipei	93 (0.9)	▲
Russian Federation	93 (1.3)	▲
Hong Kong SAR	91 (1.5)	▲
Singapore	90 (1.1)	▲
Kazakhstan	89 (1.4)	▲
Korea, Rep. of	88 (1.3)	▲
Japan	87 (1.4)	▲
Portugal	87 (1.4)	▲
Lithuania	86 (1.8)	▲
Bulgaria	85 (2.1)	▲
Spain	85 (1.6)	▲
Serbia	83 (2.3)	▲
Hungary	79 (1.6)	▲
Georgia	77 (2.7)	▲
Croatia	77 (2.5)	▲
United States	76 (1.4)	▲
Northern Ireland	74 (3.0)	▲
Turkey	74 (1.5)	▲
Italy	72 (2.5)	▲
Czech Republic	70 (2.1)	▲
Cyprus	70 (2.2)	▲
Ireland	69 (2.3)	▲
Slovenia	66 (2.2)	
Belgium (Flemish)	64 (2.1)	
International Avg.	64 (0.3)	
France	64 (2.5)	
Germany	64 (2.1)	
Netherlands	63 (2.3)	
England	60 (2.3)	
Qatar	58 (2.1)	▼
Denmark	57 (2.3)	▼
Poland	54 (2.3)	▼
United Arab Emirates	53 (1.4)	▼
Canada	50 (1.7)	▼
Iran, Islamic Rep. of	50 (3.2)	▼
Norway (5)	49 (2.8)	▼
Morocco	47 (2.5)	▼
Bahrain	46 (2.4)	▼
Chile	44 (2.4)	▼
Indonesia	44 (2.5)	▼
Sweden	43 (2.6)	▼
Slovak Republic	42 (2.4)	▼
Oman	39 (1.4)	▼
Finland	36 (2.1)	▼
Australia	35 (2.4)	▼
Kuwait	31 (2.2)	▼
New Zealand	27 (1.7)	▼
Saudi Arabia	23 (2.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	80 (2.9)	▲
Quebec, Canada	72 (3.0)	▲
Dubai, UAE	68 (1.5)	▲
Buenos Aires, Argentina	65 (2.8)	
Abu Dhabi, UAE	43 (2.7)	▼
Ontario, Canada	42 (2.7)	▼
Norway (4)	29 (2.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M12\_04 (M061256): Mark and Keith's card game - can Keith win**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	73 (2.0)	▲
Japan	73 (1.5)	▲
Norway (5)	72 (1.9)	▲
Sweden	69 (2.5)	▲
Netherlands	67 (2.3)	▲
Germany	66 (2.4)	▲
Denmark	66 (2.7)	▲
Finland	65 (1.8)	▲
Poland	64 (2.6)	▲
Portugal	62 (2.3)	▲
Belgium (Flemish)	61 (1.9)	▲
Czech Republic	60 (1.8)	▲
Northern Ireland	58 (2.7)	▲
England	57 (2.4)	▲
Singapore	57 (2.0)	▲
Serbia	56 (3.3)	▲
Russian Federation	55 (2.2)	▲
Spain	54 (1.9)	▲
Ireland	53 (2.5)	▲
Chinese Taipei	53 (2.0)	▲
Hungary	53 (2.3)	▲
Hong Kong SAR	52 (2.9)	▲
Slovenia	52 (2.7)	▲
Canada	51 (1.7)	▲
Croatia	50 (2.8)	
Lithuania	50 (2.3)	
United States	50 (1.5)	▲
Slovak Republic	48 (2.2)	
New Zealand	47 (1.9)	
Kazakhstan	47 (2.3)	
Australia	47 (2.1)	
<b>International Avg.</b>	<b>45 (0.3)</b>	
Bulgaria	43 (2.4)	
Cyprus	39 (2.3)	▼
Chile	37 (2.1)	▼
France	31 (2.8)	▼
Georgia	27 (2.4)	▼
Turkey	26 (1.4)	▼
Italy	24 (2.1)	▼
Qatar	22 (2.0)	▼
United Arab Emirates	22 (1.0)	▼
Bahrain	16 (1.6)	▼
Iran, Islamic Rep. of	15 (1.6)	▼
Oman	14 (1.3)	▼
Saudi Arabia	12 (1.4)	▼
Morocco	10 (1.7)	▼
Kuwait	9 (1.3)	▼
Indonesia	7 (1.2)	▼
<b>Benchmarking Participants</b>		
Norway (4)	57 (2.1)	▲
Ontario, Canada	54 (2.4)	▲
Florida, US	52 (3.6)	
Quebec, Canada	52 (3.7)	
Dubai, UAE	37 (2.0)	▼
Buenos Aires, Argentina	37 (2.6)	▼
Abu Dhabi, UAE	19 (1.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M12\_05 (M061182): Total amount of juice Zara and Khattab have**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Singapore	80 (1.3)	▲
Hong Kong SAR	59 (2.5)	▲
Northern Ireland	47 (3.0)	▲
Chinese Taipei	41 (2.8)	▲
United States	37 (1.6)	▲
Ireland	35 (2.8)	▲
England	32 (2.1)	▲
Portugal	27 (2.1)	▲
Germany	26 (1.8)	▲
Iran, Islamic Rep. of	25 (2.6)	▲
New Zealand	25 (1.7)	▲
Korea, Rep. of	24 (1.9)	▲
Australia	24 (2.0)	▲
Lithuania	23 (2.0)	▲
Belgium (Flemish)	22 (2.1)	
Oman	22 (1.5)	
Denmark	21 (2.0)	
Japan	20 (1.6)	
International Avg.	19 (0.3)	
Poland	17 (1.6)	
Cyprus	16 (1.7)	
United Arab Emirates	16 (0.9)	▼
Indonesia	14 (1.9)	▼
Norway (5)	14 (1.8)	▼
Kuwait	14 (1.9)	▼
Russian Federation	14 (1.9)	▼
Finland	14 (2.0)	▼
Spain	13 (1.3)	▼
Kazakhstan	13 (2.0)	▼
Netherlands	12 (1.8)	▼
Czech Republic	12 (1.3)	▼
Canada	11 (1.1)	▼
Qatar	10 (1.6)	▼
Turkey	10 (1.2)	▼
Bahrain	10 (1.4)	▼
Serbia	10 (1.8)	▼
Sweden	9 (1.2)	▼
Saudi Arabia	9 (1.7)	▼
France	8 (1.6)	▼
Slovenia	7 (1.2)	▼
Hungary	7 (1.1)	▼
Bulgaria	7 (1.6)	▼
Italy	5 (1.2)	▼
Slovak Republic	4 (0.8)	▼
Georgia	3 (1.2)	▼
Chile	3 (0.7)	▼
Morocco	3 (0.7)	▼
Croatia	2 (0.5)	▼
<b>Benchmarking Participants</b>		
Florida, US	41 (4.4)	▲
Dubai, UAE	25 (1.2)	▲
Ontario, Canada	14 (1.8)	▼
Abu Dhabi, UAE	11 (1.7)	▼
Buenos Aires, Argentina	9 (1.7)	▼
Quebec, Canada	9 (1.8)	▼
Norway (4)	5 (1.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 () Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M12\_06 (M061049): Choose operation for box in number sentence**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Kazakhstan	95 (1.0)	▲
Russian Federation	94 (1.0)	▲
Hong Kong SAR	91 (2.0)	▲
Poland	91 (1.2)	▲
Singapore	90 (1.2)	▲
Chinese Taipei	90 (1.3)	▲
Northern Ireland	89 (1.9)	▲
Korea, Rep. of	89 (1.3)	▲
Bulgaria	87 (1.7)	▲
Netherlands	86 (1.8)	▲
Japan	84 (1.5)	▲
Lithuania	84 (1.9)	▲
Georgia	84 (1.9)	▲
Belgium (Flemish)	82 (1.9)	▲
Czech Republic	82 (1.7)	▲
Serbia	81 (2.3)	▲
Cyprus	81 (1.8)	▲
Slovak Republic	81 (1.6)	▲
United States	80 (1.3)	▲
Germany	79 (1.7)	▲
Hungary	78 (1.8)	▲
Slovenia	76 (2.1)	
Norway (5)	76 (2.2)	
New Zealand	75 (1.7)	
Croatia	75 (2.2)	
Ireland	75 (2.4)	
England	75 (2.0)	
<b>International Avg.</b>	<b>73 (0.3)</b>	
Australia	73 (1.8)	
Sweden	73 (2.1)	
Finland	71 (2.1)	
Portugal	70 (2.4)	
Denmark	70 (2.4)	
Canada	68 (1.4)	▼
Turkey	67 (1.9)	▼
Indonesia	60 (2.6)	▼
Qatar	60 (1.9)	▼
United Arab Emirates	60 (1.2)	▼
Spain	58 (2.3)	▼
Oman	58 (1.7)	▼
Italy	58 (2.1)	▼
Iran, Islamic Rep. of	56 (2.6)	▼
Bahrain	54 (2.1)	▼
Chile	54 (2.4)	▼
France	53 (2.4)	▼
Morocco	49 (2.4)	▼
Kuwait	43 (3.3)	▼
Saudi Arabia	43 (2.2)	▼
<b>Benchmarking Participants</b>		
Florida, US	83 (2.8)	▲
Quebec, Canada	75 (3.4)	
Dubai, UAE	70 (1.7)	
Ontario, Canada	70 (1.7)	▼
Norway (4)	69 (2.2)	
Buenos Aires, Argentina	56 (3.2)	▼
Abu Dhabi, UAE	55 (2.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
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**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M12\_07 (M061232): Expression for players on teams in football league**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Hong Kong SAR	74 (2.5)	▲
Kazakhstan	73 (2.2)	▲
Russian Federation	71 (1.9)	▲
Singapore	71 (1.9)	▲
Bulgaria	71 (2.3)	▲
Chinese Taipei	71 (2.3)	▲
Korea, Rep. of	70 (1.7)	▲
Slovenia	65 (2.3)	▲
Serbia	64 (2.8)	▲
Cyprus	63 (2.2)	▲
Northern Ireland	62 (3.0)	▲
United States	62 (1.5)	▲
Japan	61 (2.2)	▲
Denmark	60 (2.3)	▲
Belgium (Flemish)	60 (1.8)	▲
Hungary	59 (1.9)	▲
Lithuania	59 (2.7)	
England	59 (2.5)	
Sweden	57 (2.6)	
Netherlands	57 (2.0)	
<b>International Avg.</b>	<b>54 (0.3)</b>	
Georgia	54 (2.7)	
Ireland	53 (2.4)	
Canada	53 (1.9)	
Slovak Republic	53 (2.1)	
Norway (5)	53 (2.1)	
Turkey	53 (1.7)	
New Zealand	52 (1.7)	
Australia	52 (1.6)	
Czech Republic	52 (2.2)	
Poland	51 (2.4)	
Germany	50 (2.2)	
Indonesia	49 (2.4)	▼
France	48 (2.2)	▼
Italy	47 (2.6)	▼
Portugal	47 (2.1)	▼
Croatia	47 (2.6)	▼
United Arab Emirates	47 (1.2)	▼
Chile	47 (2.3)	▼
Finland	46 (2.2)	▼
Qatar	44 (2.3)	▼
Spain	43 (2.4)	▼
Bahrain	42 (2.6)	▼
Oman	39 (1.5)	▼
Kuwait	36 (2.4)	▼
Saudi Arabia	36 (2.2)	▼
Iran, Islamic Rep. of	34 (2.8)	▼
Morocco	28 (2.7)	▼
<b>Benchmarking Participants</b>		
Florida, US	68 (3.1)	▲
Dubai, UAE	56 (1.7)	
Ontario, Canada	53 (3.0)	
Quebec, Canada	52 (3.5)	
Norway (4)	49 (2.1)	▼
Abu Dhabi, UAE	45 (2.5)	▼
Buenos Aires, Argentina	35 (2.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
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**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M12\_08 (M061095): Identify angle types from diagram in a table**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	92 (1.1)	▲
Belgium (Flemish)	88 (1.5)	▲
Chinese Taipei	88 (1.6)	▲
Hong Kong SAR	88 (1.4)	▲
Japan	82 (1.6)	▲
Singapore	78 (1.6)	▲
Portugal	76 (1.8)	▲
Bulgaria	70 (2.3)	▲
Turkey	68 (1.7)	▲
Denmark	68 (2.2)	▲
Hungary	68 (2.0)	▲
England	68 (2.1)	▲
Northern Ireland	67 (2.7)	▲
Spain	66 (2.2)	▲
Norway (5)	63 (3.1)	▲
Cyprus	62 (2.3)	▲
Russian Federation	62 (2.4)	▲
Ireland	61 (2.9)	▲
Italy	61 (2.4)	▲
United States	60 (1.6)	▲
Germany	59 (2.6)	▲
France	59 (2.1)	▲
Croatia	59 (2.7)	▲
Canada	57 (1.9)	▲
<b>International Avg.</b>	<b>53 (0.3)</b>	
Finland	52 (2.2)	
Sweden	49 (2.9)	
Australia	49 (3.3)	
Kazakhstan	47 (2.8)	▼
Lithuania	44 (3.1)	▼
Slovenia	43 (2.4)	▼
Serbia	42 (2.8)	▼
Poland	42 (2.8)	▼
Netherlands	39 (2.3)	▼
Bahrain	39 (2.3)	▼
Iran, Islamic Rep. of	37 (3.1)	▼
New Zealand	36 (2.0)	▼
United Arab Emirates	34 (1.5)	▼
Chile	33 (2.3)	▼
Qatar	33 (2.0)	▼
Oman	32 (1.4)	▼
Czech Republic	30 (1.9)	▼
Saudi Arabia	25 (2.1)	▼
Indonesia	24 (2.0)	▼
Morocco	24 (2.1)	▼
Georgia	20 (2.7)	▼
Slovak Republic	19 (1.9)	▼
Kuwait	15 (1.9)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	77 (3.6)	▲
Florida, US	75 (2.6)	▲
Ontario, Canada	60 (3.2)	▲
Dubai, UAE	49 (1.9)	
Norway (4)	39 (2.3)	▼
Abu Dhabi, UAE	27 (2.9)	▼
Buenos Aires, Argentina	22 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
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**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M12\_09 (M061264): Label points on the Snail path**  
**Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Korea, Rep. of	62 (2.1) ▲	87 (1.5) ▲
Japan	53 (2.2) ▲	78 (1.8) ▲
Chinese Taipei	51 (2.4) ▲	76 (1.9) ▲
Singapore	47 (2.1) ▲	73 (1.7) ▲
Northern Ireland	45 (2.5) ▲	74 (2.7) ▲
Finland	44 (2.5) ▲	71 (2.1) ▲
Hong Kong SAR	44 (2.9) ▲	71 (2.6) ▲
Netherlands	41 (2.1) ▲	60 (2.2) ▲
Denmark	37 (2.4) ▲	61 (2.2) ▲
England	37 (2.3) ▲	67 (2.2) ▲
Sweden	36 (2.0) ▲	63 (2.3) ▲
Ireland	35 (2.7) ▲	60 (2.6) ▲
Russian Federation	34 (2.0) ▲	56 (2.5) ▲
Norway (5)	34 (2.2) ▲	51 (2.5)
Bulgaria	32 (2.6) ▲	54 (2.9)
Hungary	32 (1.9) ▲	61 (2.5) ▲
Poland	31 (1.9) ▲	61 (2.4) ▲
Belgium (Flemish)	31 (2.3)	61 (1.9) ▲
Croatia	30 (2.2)	65 (2.6) ▲
Czech Republic	30 (2.1)	62 (2.0) ▲
Germany	29 (2.1)	59 (2.1) ▲
Slovak Republic	29 (1.8)	58 (1.7) ▲
Lithuania	29 (2.2)	52 (2.4)
Cyprus	28 (2.0)	52 (2.2)
Canada	28 (1.5)	54 (1.7) ▲
Australia	28 (1.8)	48 (2.2)
International Avg.	27 (0.3)	50 (0.3)
Kazakhstan	27 (2.7)	43 (2.9) ▼
Portugal	26 (2.1)	62 (2.3) ▲
Spain	25 (1.7)	55 (2.3)
United States	25 (1.4)	50 (1.2)
Slovenia	24 (1.8)	56 (1.9) ▲
New Zealand	24 (1.7)	50 (1.9)
Serbia	23 (2.3) ▼	49 (2.9)
Italy	21 (1.9) ▼	47 (2.2)
France	17 (1.9) ▼	49 (2.2)
United Arab Emirates	15 (1.0) ▼	29 (1.1) ▼
Turkey	15 (1.4) ▼	34 (1.8) ▼
Qatar	13 (1.3) ▼	26 (2.0) ▼
Iran, Islamic Rep. of	12 (1.5) ▼	33 (2.9) ▼
Georgia	12 (2.4) ▼	26 (2.4) ▼
Bahrain	11 (1.5) ▼	25 (1.8) ▼
Chile	10 (1.1) ▼	31 (2.2) ▼
Oman	9 (1.2) ▼	22 (1.6) ▼
Morocco	6 (1.6) ▼	13 (2.1) ▼
Indonesia	3 (0.6) ▼	12 (1.6) ▼
Kuwait	3 (1.0) ▼	6 (1.6) ▼
Saudi Arabia	0 (0.0) ▼	13 (1.6) ▼
<b>Benchmarking Participants</b>		
Ontario, Canada	31 (2.0)	56 (2.6) ▲
Dubai, UAE	27 (1.6)	46 (1.7) ▼
Quebec, Canada	26 (3.0)	58 (3.6) ▲
Florida, US	24 (2.8)	47 (3.1)
Norway (4)	21 (2.1) ▼	38 (2.6) ▼
Abu Dhabi, UAE	11 (1.7) ▼	21 (2.1) ▼
Buenos Aires, Argentina	8 (1.5) ▼	20 (2.2) ▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
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**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M12\_10 (M061108): Choose cardboard for Julia's hexagonal box**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Japan	76 (1.5)	▲
Korea, Rep. of	70 (2.2)	▲
Hong Kong SAR	69 (2.6)	▲
Portugal	65 (2.1)	▲
Chinese Taipei	61 (2.0)	▲
Chile	60 (1.9)	▲
Cyprus	59 (2.2)	▲
Northern Ireland	58 (2.9)	▲
England	57 (2.3)	▲
Poland	57 (2.2)	▲
Singapore	55 (2.0)	▲
Spain	55 (2.1)	▲
Lithuania	55 (2.4)	▲
Germany	54 (2.4)	▲
Australia	54 (2.1)	▲
Russian Federation	54 (2.2)	▲
Czech Republic	53 (2.2)	▲
Hungary	52 (2.6)	
Kazakhstan	51 (3.0)	
Canada	50 (1.5)	
Turkey	50 (2.1)	
Norway (5)	50 (2.5)	
Denmark	50 (2.6)	
Serbia	49 (2.6)	
<b>International Avg.</b>	<b>49 (0.3)</b>	
Netherlands	49 (2.3)	
Ireland	48 (2.9)	
Croatia	47 (2.5)	
Sweden	47 (2.4)	
New Zealand	47 (1.5)	
Finland	46 (2.5)	
Italy	46 (2.0)	
Bulgaria	45 (3.2)	
Belgium (Flemish)	45 (2.1)	
Slovak Republic	44 (2.2)	▼
United States	44 (1.3)	▼
France	43 (2.1)	▼
Slovenia	42 (2.3)	▼
Bahrain	41 (1.9)	▼
United Arab Emirates	41 (1.4)	▼
Georgia	40 (2.8)	▼
Morocco	39 (2.9)	▼
Oman	38 (1.7)	▼
Qatar	35 (2.0)	▼
Indonesia	33 (2.6)	▼
Iran, Islamic Rep. of	32 (2.8)	▼
Saudi Arabia	28 (2.2)	▼
Kuwait	20 (2.1)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	54 (3.6)	
Ontario, Canada	51 (2.2)	
Florida, US	49 (2.7)	
Dubai, UAE	47 (1.8)	
Norway (4)	38 (2.3)	▼
Abu Dhabi, UAE	38 (2.3)	▼
Buenos Aires, Argentina	35 (3.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M12\_11A (M061211A): Fruit market - pieces of fruit sold on Monday**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	88 (1.5)	▲
Korea, Rep. of	85 (1.7)	▲
Singapore	80 (1.6)	▲
Portugal	70 (2.2)	▲
Chinese Taipei	69 (2.5)	▲
England	68 (2.1)	▲
Netherlands	67 (2.7)	▲
Northern Ireland	64 (2.7)	▲
United States	64 (1.5)	▲
Russian Federation	63 (2.1)	▲
Japan	62 (2.0)	▲
Finland	59 (1.8)	▲
Norway (5)	57 (2.6)	▲
Germany	55 (2.2)	▲
Lithuania	55 (3.0)	▲
Australia	55 (2.0)	▲
Canada	55 (1.7)	▲
Cyprus	53 (2.6)	▲
Ireland	52 (2.4)	▲
Poland	51 (2.0)	▲
Slovenia	50 (2.2)	▲
Kazakhstan	49 (3.3)	
New Zealand	46 (2.1)	
Bulgaria	45 (2.8)	
International Avg.	45 (0.3)	
Denmark	43 (2.3)	
Turkey	42 (2.0)	
Serbia	40 (2.9)	
Italy	39 (2.2)	▼
Chile	39 (2.0)	▼
Spain	38 (2.0)	▼
Georgia	37 (2.6)	▼
Sweden	34 (2.4)	▼
United Arab Emirates	33 (1.2)	▼
Bahrain	31 (2.1)	▼
Belgium (Flemish)	30 (2.1)	▼
Oman	27 (1.7)	▼
France	26 (2.4)	▼
Hungary	25 (2.0)	▼
Qatar	25 (2.0)	▼
Slovak Republic	25 (2.0)	▼
Czech Republic	23 (2.2)	▼
Croatia	23 (2.1)	▼
Saudi Arabia	18 (2.3)	▼
Kuwait	16 (2.6)	▼
Morocco	13 (1.9)	▼
Iran, Islamic Rep. of	11 (1.5)	▼
Indonesia	4 (0.9)	▼
<b>Benchmarking Participants</b>		
Ontario, Canada	66 (2.4)	▲
Florida, US	61 (3.3)	▲
Dubai, UAE	53 (1.9)	▲
Quebec, Canada	43 (3.7)	
Norway (4)	33 (2.2)	▼
Abu Dhabi, UAE	24 (2.1)	▼
Buenos Aires, Argentina	17 (1.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M12\_11B (M061211B): Fruit market - apples sold on Tuesday**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Hong Kong SAR	80 (2.4)	▲
Singapore	80 (1.5)	▲
Korea, Rep. of	70 (2.0)	▲
Chinese Taipei	68 (2.5)	▲
Japan	67 (2.1)	▲
Russian Federation	64 (2.4)	▲
Portugal	63 (2.2)	▲
Northern Ireland	63 (2.8)	▲
Netherlands	59 (2.5)	▲
England	59 (2.1)	▲
Kazakhstan	59 (2.8)	▲
Norway (5)	55 (2.3)	▲
Bulgaria	55 (2.9)	▲
Cyprus	54 (2.5)	▲
Lithuania	53 (2.7)	
United States	53 (1.4)	▲
Finland	53 (2.5)	
Slovenia	53 (2.5)	
Australia	53 (2.1)	▲
Poland	52 (2.3)	
Ireland	51 (2.6)	
Denmark	50 (2.2)	
Germany	49 (2.2)	
<b>International Avg.</b>	<b>48 (0.3)</b>	
Italy	47 (2.3)	
Turkey	46 (2.1)	
Serbia	44 (2.4)	
Sweden	43 (2.6)	▼
Spain	43 (1.9)	▼
New Zealand	43 (1.8)	▼
Canada	43 (1.5)	▼
Croatia	42 (2.1)	▼
Georgia	40 (2.4)	▼
Belgium (Flemish)	40 (2.4)	▼
United Arab Emirates	40 (1.1)	▼
Indonesia	37 (2.4)	▼
Chile	37 (2.5)	▼
Hungary	37 (2.6)	▼
France	37 (2.2)	▼
Oman	36 (1.6)	▼
Morocco	35 (2.6)	▼
Qatar	34 (2.3)	▼
Bahrain	33 (2.3)	▼
Czech Republic	33 (2.4)	▼
Slovak Republic	33 (1.7)	▼
Iran, Islamic Rep. of	27 (2.6)	▼
Saudi Arabia	26 (2.4)	▼
Kuwait	23 (2.3)	▼
<b>Benchmarking Participants</b>		
Florida, US	60 (2.6)	▲
Dubai, UAE	56 (1.7)	▲
Ontario, Canada	47 (2.3)	
Quebec, Canada	41 (2.8)	▼
Norway (4)	40 (2.4)	▼
Abu Dhabi, UAE	33 (2.1)	▼
Buenos Aires, Argentina	30 (3.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M13\_01 (M051043): Numbers with 6 as a factor**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Germany	91 (1.3)	▲
Czech Republic	79 (2.0)	▲
Belgium (Flemish)	78 (1.8)	▲
Russian Federation	76 (1.8)	▲
Bulgaria	74 (2.4)	▲
Kazakhstan	71 (2.6)	▲
Finland	71 (2.3)	▲
Slovak Republic	70 (2.0)	▲
Hungary	70 (1.8)	▲
Chinese Taipei	67 (2.1)	▲
Norway (5)	64 (2.7)	▲
England	63 (2.5)	▲
Slovenia	63 (1.9)	▲
Lithuania	63 (2.7)	▲
Ireland	61 (2.6)	▲
Northern Ireland	61 (3.3)	▲
Croatia	58 (2.4)	▲
Poland	57 (2.6)	▲
Netherlands	57 (2.2)	▲
France	56 (2.7)	▲
Singapore	53 (1.6)	
Australia	51 (2.7)	
<b>International Avg.</b>	<b>50 (0.3)</b>	
Georgia	49 (2.5)	
United States	49 (1.5)	
Portugal	48 (1.7)	
Sweden	47 (2.6)	
Serbia	47 (3.0)	
Italy	46 (2.7)	
Hong Kong SAR	45 (2.5)	
Canada	44 (1.7)	▼
Denmark	44 (2.9)	▼
New Zealand	43 (2.0)	▼
Japan	42 (2.0)	▼
Cyprus	40 (2.2)	▼
Turkey	37 (1.8)	▼
Bahrain	36 (2.1)	▼
Korea, Rep. of	33 (2.4)	▼
United Arab Emirates	33 (1.1)	▼
Spain	33 (1.9)	▼
Qatar	31 (1.9)	▼
Iran, Islamic Rep. of	28 (2.7)	▼
Chile	25 (1.8)	▼
Indonesia	21 (1.9)	▼
Morocco	21 (2.2)	▼
Kuwait	18 (1.9)	▼
Oman	17 (1.1)	▼
Saudi Arabia	16 (1.8)	▼
<b>Benchmarking Participants</b>		
Norway (4)	59 (3.0)	▲
Florida, US	53 (2.3)	
Quebec, Canada	48 (4.5)	
Ontario, Canada	47 (2.3)	
Dubai, UAE	42 (2.2)	▼
Abu Dhabi, UAE	27 (2.2)	▼
Buenos Aires, Argentina	25 (2.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M13\_02 (M051040): Figure with three quarters shaded  
Multiple Choice (Key is A)**

Country	Percent Correct	
Hong Kong SAR	97 (0.9)	▲
Singapore	96 (0.6)	▲
Korea, Rep. of	94 (1.0)	▲
United States	92 (0.8)	▲
Northern Ireland	90 (1.8)	▲
Belgium (Flemish)	89 (1.3)	▲
Chinese Taipei	87 (1.6)	▲
Cyprus	87 (1.3)	▲
Australia	86 (1.9)	▲
Netherlands	85 (1.6)	▲
Chile	85 (1.4)	▲
England	84 (1.9)	▲
Ireland	83 (1.8)	▲
Poland	83 (1.9)	▲
Portugal	82 (1.8)	▲
Finland	82 (1.8)	▲
Italy	81 (2.0)	▲
New Zealand	80 (1.4)	▲
Norway (5)	80 (1.8)	▲
Japan	79 (1.8)	▲
Canada	79 (1.1)	▲
Turkey	77 (1.7)	
Slovenia	76 (2.1)	
Iran, Islamic Rep. of	76 (2.3)	
Denmark	76 (2.2)	
Bahrain	75 (1.9)	
International Avg.	73 (0.3)	
Qatar	71 (1.8)	
Lithuania	71 (2.7)	
United Arab Emirates	70 (1.2)	▼
France	68 (2.4)	▼
Saudi Arabia	68 (2.2)	▼
Kazakhstan	67 (2.2)	▼
Serbia	67 (3.3)	
Oman	67 (1.5)	▼
Hungary	67 (2.1)	▼
Czech Republic	66 (2.3)	▼
Spain	66 (2.4)	▼
Russian Federation	65 (2.2)	▼
Sweden	59 (3.2)	▼
Slovak Republic	59 (1.9)	▼
Germany	57 (2.2)	▼
Indonesia	56 (2.5)	▼
Bulgaria	52 (2.6)	▼
Kuwait	51 (2.2)	▼
Georgia	48 (2.5)	▼
Morocco	46 (2.6)	▼
Croatia	30 (2.2)	▼
<b>Benchmarking Participants</b>		
Florida, US	90 (2.3)	▲
Quebec, Canada	86 (2.1)	▲
Dubai, UAE	82 (1.3)	▲
Ontario, Canada	78 (1.7)	▲
Abu Dhabi, UAE	66 (2.2)	▼
Norway (4)	66 (2.6)	▼
Buenos Aires, Argentina	52 (3.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M13\_03 (M051008): Who paid less for each bottle**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Kazakhstan	78 (1.8)	▲
Hong Kong SAR	64 (2.4)	▲
Japan	49 (2.0)	▲
Korea, Rep. of	48 (2.2)	▲
Singapore	48 (2.1)	▲
Russian Federation	44 (2.7)	▲
Chinese Taipei	43 (2.4)	▲
Serbia	34 (2.3)	▲
Northern Ireland	33 (2.5)	▲
Portugal	32 (2.1)	▲
Lithuania	32 (2.4)	▲
Croatia	32 (2.2)	▲
Ireland	30 (2.5)	▲
Poland	28 (1.9)	
Czech Republic	28 (2.0)	
England	28 (1.9)	
Bulgaria	27 (2.1)	
United States	26 (1.5)	
Cyprus	26 (2.0)	
Belgium (Flemish)	25 (1.8)	
Hungary	25 (1.8)	
<b>International Avg.</b>	<b>24 (0.3)</b>	
Denmark	23 (2.1)	
Netherlands	22 (1.8)	
Norway (5)	22 (2.0)	
Slovak Republic	22 (1.7)	
Spain	20 (1.7)	▼
Sweden	20 (1.8)	▼
Turkey	20 (1.5)	▼
Slovenia	19 (1.9)	▼
Germany	18 (1.7)	▼
Canada	17 (1.1)	▼
Georgia	17 (2.0)	▼
Finland	15 (1.5)	▼
New Zealand	15 (1.5)	▼
Italy	14 (1.9)	▼
Australia	14 (1.6)	▼
France	13 (1.9)	▼
United Arab Emirates	11 (0.8)	▼
Qatar	10 (1.2)	▼
Saudi Arabia	10 (1.3)	▼
Chile	10 (1.0)	▼
Bahrain	9 (1.4)	▼
Iran, Islamic Rep. of	7 (1.5)	▼
Indonesia	6 (1.3)	▼
Oman	6 (0.8)	▼
Morocco	5 (1.1)	▼
Kuwait	3 (1.0)	▼
<b>Benchmarking Participants</b>		
Florida, US	27 (3.1)	
Quebec, Canada	21 (2.4)	
Dubai, UAE	19 (1.5)	▼
Ontario, Canada	17 (1.9)	▼
Buenos Aires, Argentina	10 (1.8)	▼
Norway (4)	9 (1.4)	▼
Abu Dhabi, UAE	7 (1.1)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M13\_04A (M051031A): Fraction watered on Monday**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	88 (1.5)	▲
Singapore	83 (1.6)	▲
Korea, Rep. of	81 (1.8)	▲
Chinese Taipei	77 (2.0)	▲
Japan	76 (1.8)	▲
Ireland	73 (2.1)	▲
Northern Ireland	71 (2.2)	▲
Portugal	70 (1.7)	▲
Denmark	69 (2.0)	▲
Norway (5)	69 (2.5)	▲
Finland	69 (2.0)	▲
Poland	68 (2.5)	▲
United States	66 (1.3)	▲
Cyprus	64 (2.3)	▲
England	64 (2.0)	▲
Australia	56 (2.1)	▲
Lithuania	56 (2.8)	▲
New Zealand	55 (1.8)	▲
Canada	54 (1.8)	▲
Slovenia	53 (2.3)	
Russian Federation	53 (2.3)	
Italy	51 (2.4)	
Spain	50 (2.2)	
<b>International Avg.</b>	<b>49 (0.3)</b>	
Czech Republic	48 (2.5)	
Serbia	48 (3.3)	
Belgium (Flemish)	47 (2.2)	
Chile	44 (2.1)	▼
Sweden	44 (2.7)	
Hungary	43 (2.3)	▼
Iran, Islamic Rep. of	42 (3.2)	▼
Turkey	41 (2.0)	▼
France	41 (2.5)	▼
Kazakhstan	40 (2.9)	▼
United Arab Emirates	37 (1.5)	▼
Netherlands	36 (2.5)	▼
Qatar	36 (2.0)	▼
Bahrain	35 (2.1)	▼
Bulgaria	30 (2.1)	▼
Slovak Republic	27 (2.0)	▼
Oman	27 (1.5)	▼
Saudi Arabia	22 (2.3)	▼
Kuwait	19 (2.4)	▼
Georgia	19 (2.0)	▼
Morocco	17 (1.8)	▼
Germany	16 (1.8)	▼
Croatia	10 (1.6)	▼
Indonesia	5 (1.0)	▼
<b>Benchmarking Participants</b>		
Florida, US	67 (2.5)	▲
Quebec, Canada	62 (3.4)	▲
Ontario, Canada	52 (2.3)	
Dubai, UAE	51 (1.6)	
Norway (4)	37 (2.7)	▼
Abu Dhabi, UAE	28 (2.1)	▼
Buenos Aires, Argentina	23 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M13\_04B (M051031B): Fraction watered on Tuesday**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	86 (1.8)	▲
Singapore	84 (1.6)	▲
Korea, Rep. of	82 (1.6)	▲
Japan	77 (1.7)	▲
Chinese Taipei	75 (1.9)	▲
Ireland	71 (2.1)	▲
Northern Ireland	70 (2.9)	▲
Norway (5)	68 (2.5)	▲
Finland	66 (2.2)	▲
Portugal	66 (2.0)	▲
Poland	65 (2.7)	▲
Denmark	64 (2.3)	▲
United States	63 (1.3)	▲
England	63 (2.1)	▲
Cyprus	62 (2.2)	▲
Australia	57 (2.1)	▲
New Zealand	55 (1.8)	▲
Canada	54 (1.7)	▲
Lithuania	52 (2.7)	▲
Russian Federation	51 (2.5)	▲
Slovenia	50 (2.3)	
Italy	48 (2.5)	
Czech Republic	48 (2.4)	
Belgium (Flemish)	47 (2.1)	
International Avg.	46 (0.3)	
Spain	44 (2.3)	
Serbia	42 (3.0)	
Chile	41 (2.0)	▼
Hungary	41 (2.2)	▼
France	40 (2.5)	▼
Sweden	39 (2.5)	▼
Kazakhstan	38 (3.0)	▼
Turkey	38 (1.9)	▼
Iran, Islamic Rep. of	37 (2.9)	▼
United Arab Emirates	34 (1.1)	▼
Qatar	30 (2.0)	▼
Netherlands	28 (2.2)	▼
Bahrain	27 (2.1)	▼
Bulgaria	25 (2.1)	▼
Slovak Republic	23 (1.8)	▼
Oman	22 (1.5)	▼
Germany	16 (1.8)	▼
Saudi Arabia	16 (2.1)	▼
Georgia	14 (1.7)	▼
Kuwait	13 (1.6)	▼
Morocco	12 (1.6)	▼
Croatia	7 (1.4)	▼
Indonesia	3 (0.6)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	68 (3.6)	▲
Florida, US	63 (2.5)	▲
Ontario, Canada	52 (2.4)	▲
Dubai, UAE	47 (1.5)	
Norway (4)	36 (2.4)	▼
Abu Dhabi, UAE	27 (2.0)	▼
Buenos Aires, Argentina	18 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M13\_05 (M051508): Next 2 numbers in the pattern**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	73 (2.2)	▲
Korea, Rep. of	73 (1.7)	▲
Singapore	69 (2.0)	▲
Northern Ireland	68 (2.9)	▲
Denmark	68 (2.1)	▲
England	65 (2.2)	▲
Ireland	65 (2.1)	▲
Netherlands	65 (2.3)	▲
Russian Federation	65 (2.0)	▲
Norway (5)	62 (2.7)	▲
Chinese Taipei	61 (1.8)	▲
Portugal	59 (2.3)	▲
Japan	58 (2.0)	▲
United States	57 (1.4)	▲
Germany	56 (2.2)	▲
Cyprus	56 (2.0)	▲
Hungary	56 (2.3)	▲
Bulgaria	55 (2.8)	▲
New Zealand	54 (1.8)	▲
Australia	53 (2.3)	▲
Sweden	53 (2.5)	▲
Czech Republic	53 (2.2)	▲
Kazakhstan	52 (2.8)	
Lithuania	52 (2.6)	
Belgium (Flemish)	52 (2.5)	
Poland	50 (2.5)	
Serbia	48 (2.4)	
<b>International Avg.</b>	<b>47 (0.3)</b>	
Canada	46 (1.5)	
Italy	44 (2.5)	
Finland	44 (2.1)	
Slovak Republic	42 (1.8)	▼
Spain	41 (2.1)	▼
Georgia	40 (2.6)	▼
Croatia	40 (2.4)	▼
France	40 (2.3)	▼
Turkey	38 (1.8)	▼
Slovenia	37 (2.5)	▼
United Arab Emirates	35 (1.3)	▼
Qatar	33 (1.7)	▼
Iran, Islamic Rep. of	27 (2.7)	▼
Chile	25 (1.7)	▼
Bahrain	20 (1.6)	▼
Indonesia	18 (1.9)	▼
Oman	16 (1.5)	▼
Morocco	15 (2.1)	▼
Saudi Arabia	13 (1.7)	▼
Kuwait	10 (1.5)	▼
<b>Benchmarking Participants</b>		
Florida, US	64 (2.9)	▲
Dubai, UAE	53 (1.2)	▲
Quebec, Canada	48 (2.8)	
Ontario, Canada	48 (2.1)	
Norway (4)	44 (2.3)	
Abu Dhabi, UAE	26 (2.0)	▼
Buenos Aires, Argentina	20 (2.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M13\_06A (M051216A): Street parallel to Green Street**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Korea, Rep. of	91 (1.2)	▲
Singapore	91 (1.0)	▲
Japan	91 (1.2)	▲
Hong Kong SAR	91 (1.3)	▲
Chinese Taipei	86 (1.7)	▲
Czech Republic	80 (1.8)	▲
Belgium (Flemish)	77 (1.9)	▲
Finland	75 (1.5)	▲
Portugal	70 (2.1)	▲
United States	68 (1.5)	▲
Slovenia	68 (2.4)	▲
Poland	67 (2.1)	▲
Ireland	64 (2.4)	▲
Croatia	63 (2.9)	▲
Hungary	63 (1.9)	▲
Kazakhstan	62 (2.8)	▲
Northern Ireland	61 (3.2)	▲
Serbia	59 (2.8)	▲
Denmark	59 (1.9)	▲
France	56 (2.9)	
Norway (5)	54 (3.1)	
Spain	53 (2.8)	
Italy	52 (2.5)	
<b>International Avg.</b>	<b>51 (0.3)</b>	
Cyprus	51 (2.0)	
Germany	51 (2.5)	
Canada	49 (1.8)	
Slovak Republic	47 (1.8)	▼
England	46 (2.8)	
Bulgaria	42 (3.1)	▼
Australia	40 (2.9)	▼
Iran, Islamic Rep. of	40 (3.2)	▼
Russian Federation	39 (2.4)	▼
United Arab Emirates	36 (1.3)	▼
Turkey	35 (2.1)	▼
Chile	31 (2.1)	▼
New Zealand	31 (1.7)	▼
Oman	29 (1.7)	▼
Qatar	28 (1.9)	▼
Sweden	27 (2.3)	▼
Saudi Arabia	27 (2.3)	▼
Indonesia	25 (2.0)	▼
Georgia	23 (2.1)	▼
Morocco	23 (2.0)	▼
Bahrain	22 (1.9)	▼
Lithuania	22 (2.0)	▼
Kuwait	22 (1.6)	▼
Netherlands	16 (1.8)	▼
<b>Benchmarking Participants</b>		
Florida, US	74 (3.4)	▲
Quebec, Canada	71 (4.0)	▲
Ontario, Canada	50 (2.7)	
Dubai, UAE	45 (1.5)	▼
Buenos Aires, Argentina	35 (3.2)	▼
Abu Dhabi, UAE	32 (2.4)	▼
Norway (4)	28 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M13\_06B (M051216B): Perpendicular to Apple Street**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Korea, Rep. of	97 (0.7)	▲
Chinese Taipei	95 (1.0)	▲
Hong Kong SAR	94 (1.1)	▲
Singapore	94 (0.7)	▲
Belgium (Flemish)	92 (1.2)	▲
Japan	91 (1.2)	▲
Netherlands	88 (1.5)	▲
Turkey	87 (1.5)	▲
Finland	87 (1.2)	▲
Croatia	85 (1.8)	▲
Denmark	84 (1.9)	▲
Norway (5)	83 (1.5)	▲
Cyprus	83 (1.9)	▲
Russian Federation	83 (2.0)	▲
Czech Republic	82 (1.7)	▲
Poland	80 (1.8)	
Slovenia	80 (1.7)	
Lithuania	79 (2.0)	
United States	78 (1.1)	
Germany	78 (2.0)	
Ireland	78 (2.5)	
<b>International Avg.</b>	<b>77 (0.3)</b>	
Portugal	77 (2.0)	
Northern Ireland	76 (2.2)	
Serbia	76 (2.2)	
Bulgaria	75 (2.2)	
Kazakhstan	75 (2.2)	
Hungary	74 (1.7)	
France	73 (2.4)	
Bahrain	73 (2.0)	▼
Spain	71 (2.0)	▼
Qatar	71 (2.1)	▼
Sweden	71 (2.2)	▼
Canada	71 (1.5)	▼
New Zealand	71 (1.8)	▼
Australia	70 (1.9)	▼
England	70 (2.5)	▼
Indonesia	70 (2.8)	▼
United Arab Emirates	70 (1.1)	▼
Georgia	68 (2.4)	▼
Italy	67 (2.2)	▼
Oman	67 (1.4)	▼
Saudi Arabia	67 (2.2)	▼
Slovak Republic	64 (1.8)	▼
Iran, Islamic Rep. of	64 (2.8)	▼
Chile	61 (2.2)	▼
Morocco	60 (2.2)	▼
Kuwait	59 (2.2)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	81 (2.6)	
Florida, US	79 (1.9)	
Dubai, UAE	75 (1.7)	
Norway (4)	71 (2.0)	▼
Ontario, Canada	67 (2.3)	▼
Abu Dhabi, UAE	64 (2.5)	▼
Buenos Aires, Argentina	54 (2.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M13\_07 (M051221): Number of triangles needed**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Northern Ireland	89 (1.7)	▲
Portugal	86 (1.5)	▲
Ireland	86 (1.6)	▲
Hong Kong SAR	86 (1.5)	▲
England	85 (1.6)	▲
Australia	84 (1.9)	▲
Canada	84 (1.2)	▲
Russian Federation	83 (1.5)	▲
Denmark	83 (1.8)	▲
United States	82 (1.1)	▲
Lithuania	82 (1.7)	▲
Korea, Rep. of	81 (1.8)	▲
Singapore	81 (1.4)	▲
Norway (5)	81 (2.0)	▲
New Zealand	80 (1.4)	▲
Spain	79 (1.6)	▲
Czech Republic	79 (1.9)	▲
Chinese Taipei	79 (1.8)	▲
Cyprus	79 (1.7)	▲
Belgium (Flemish)	79 (1.6)	▲
Slovenia	78 (2.1)	▲
Netherlands	78 (2.3)	▲
Poland	78 (1.8)	▲
Slovak Republic	77 (1.7)	▲
Germany	77 (1.8)	▲
Chile	76 (2.1)	
France	74 (1.5)	
Kazakhstan	74 (2.3)	
Finland	73 (2.4)	
<b>International Avg.</b>	<b>73 (0.3)</b>	
Hungary	72 (2.0)	
Japan	71 (1.7)	
Sweden	71 (2.4)	
Italy	69 (2.2)	
Bulgaria	69 (2.5)	
Croatia	69 (2.2)	
Georgia	68 (2.3)	
Serbia	67 (2.2)	▼
Turkey	65 (1.8)	▼
United Arab Emirates	61 (1.3)	▼
Oman	61 (1.6)	▼
Bahrain	59 (2.0)	▼
Qatar	58 (2.0)	▼
Morocco	51 (2.1)	▼
Saudi Arabia	48 (1.9)	▼
Kuwait	47 (2.1)	▼
Iran, Islamic Rep. of	47 (3.5)	▼
Indonesia	37 (2.4)	▼
<b>Benchmarking Participants</b>		
Ontario, Canada	85 (1.6)	▲
Quebec, Canada	85 (2.5)	▲
Florida, US	80 (2.0)	▲
Norway (4)	75 (2.3)	
Dubai, UAE	73 (1.6)	
Buenos Aires, Argentina	62 (2.6)	▼
Abu Dhabi, UAE	55 (2.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M13\_08 (M051115): Shape that folds into a box**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Germany	51 (2.1)	▲
Japan	45 (1.8)	▲
Northern Ireland	42 (2.9)	▲
England	41 (2.0)	▲
Lithuania	39 (2.8)	▲
Czech Republic	39 (1.9)	▲
Serbia	39 (2.6)	▲
Hong Kong SAR	38 (2.7)	▲
New Zealand	37 (2.0)	▲
Russian Federation	36 (1.9)	▲
Australia	36 (2.4)	▲
Chinese Taipei	35 (2.2)	▲
Kazakhstan	35 (2.9)	▲
Hungary	34 (2.1)	▲
Sweden	34 (2.1)	▲
Netherlands	33 (2.1)	▲
Portugal	31 (2.0)	
Poland	31 (2.2)	
Singapore	31 (1.6)	
Oman	31 (1.5)	
Canada	31 (1.7)	
Norway (5)	30 (2.3)	
Chile	29 (1.8)	
Finland	29 (2.3)	
Ireland	29 (2.1)	
International Avg.	28 (0.3)	
Denmark	28 (2.2)	
Cyprus	27 (1.8)	
Slovenia	25 (1.8)	▼
Turkey	24 (1.3)	▼
France	23 (2.2)	▼
Indonesia	22 (2.3)	▼
United Arab Emirates	22 (1.0)	▼
Bulgaria	21 (2.3)	▼
United States	21 (1.2)	▼
Italy	21 (1.9)	▼
Slovak Republic	20 (1.7)	▼
Korea, Rep. of	20 (1.7)	▼
Bahrain	20 (1.9)	▼
Georgia	19 (2.1)	▼
Croatia	19 (1.8)	▼
Morocco	18 (1.9)	▼
Belgium (Flemish)	18 (1.5)	▼
Qatar	17 (1.9)	▼
Spain	17 (1.6)	▼
Iran, Islamic Rep. of	17 (2.1)	▼
Saudi Arabia	16 (1.8)	▼
Kuwait	10 (1.6)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	33 (3.4)	
Ontario, Canada	32 (2.1)	
Dubai, UAE	27 (1.5)	
Norway (4)	23 (2.2)	▼
Florida, US	21 (2.8)	▼
Abu Dhabi, UAE	19 (1.7)	▼
Buenos Aires, Argentina	14 (1.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M13\_09A (M051507A): Most frequent score on quiz  
 Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	92 (1.3)	▲
Japan	91 (1.1)	▲
Chinese Taipei	87 (1.5)	▲
Singapore	84 (1.4)	▲
Norway (5)	82 (2.2)	▲
Northern Ireland	81 (2.2)	▲
Portugal	80 (2.0)	▲
United States	80 (1.3)	▲
Ireland	80 (2.1)	▲
Denmark	79 (1.7)	▲
England	79 (1.6)	▲
Russian Federation	78 (1.5)	▲
Germany	77 (1.7)	▲
Canada	75 (1.4)	▲
Korea, Rep. of	75 (1.9)	▲
Australia	72 (2.5)	▲
New Zealand	72 (1.6)	▲
Sweden	70 (2.3)	▲
Poland	70 (2.4)	▲
Czech Republic	68 (2.1)	▲
Croatia	67 (2.5)	
Lithuania	66 (2.2)	
Finland	66 (2.2)	
Slovenia	64 (2.5)	
France	64 (2.2)	
Slovak Republic	63 (2.0)	
International Avg.	63 (0.3)	
Bulgaria	62 (2.8)	
Netherlands	62 (2.6)	
Kazakhstan	60 (3.0)	
Serbia	60 (2.4)	
Spain	59 (1.9)	
Italy	55 (2.3)	▼
Cyprus	54 (2.4)	▼
Bahrain	53 (2.6)	▼
Turkey	51 (1.6)	▼
United Arab Emirates	50 (1.0)	▼
Hungary	47 (1.8)	▼
Belgium (Flemish)	47 (2.1)	▼
Qatar	47 (2.0)	▼
Iran, Islamic Rep. of	46 (3.1)	▼
Georgia	45 (2.7)	▼
Chile	41 (2.1)	▼
Oman	40 (1.5)	▼
Saudi Arabia	36 (2.1)	▼
Kuwait	28 (2.1)	▼
Morocco	25 (2.2)	▼
Indonesia	24 (1.8)	▼
<b>Benchmarking Participants</b>		
Florida, US	82 (1.9)	▲
Ontario, Canada	78 (2.1)	▲
Quebec, Canada	74 (2.8)	▲
Norway (4)	66 (2.6)	
Dubai, UAE	63 (1.7)	
Abu Dhabi, UAE	44 (2.4)	▼
Buenos Aires, Argentina	36 (2.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M13\_09B (M051507B): Score of 4 or more on quiz  
Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	71 (2.1)	▲
Chinese Taipei	63 (2.4)	▲
Japan	51 (2.1)	▲
Northern Ireland	49 (3.1)	▲
Portugal	48 (2.2)	▲
Norway (5)	47 (2.7)	▲
Korea, Rep. of	46 (1.8)	▲
United States	39 (1.6)	▲
Slovenia	38 (2.3)	▲
England	37 (2.3)	▲
Germany	37 (2.4)	▲
Russian Federation	37 (2.6)	▲
Ireland	37 (2.1)	▲
Netherlands	36 (2.5)	▲
Singapore	35 (2.0)	▲
Denmark	34 (2.0)	▲
Canada	33 (1.3)	▲
Poland	32 (1.8)	▲
Kazakhstan	31 (2.6)	
Finland	29 (2.1)	
Australia	29 (1.9)	
Spain	29 (1.8)	
<b>International Avg.</b>	<b>28 (0.3)</b>	
Czech Republic	27 (2.1)	
Sweden	27 (2.0)	
New Zealand	27 (1.8)	
Bulgaria	27 (2.4)	
Lithuania	25 (2.0)	
Belgium (Flemish)	25 (2.1)	
Slovak Republic	24 (1.7)	
Serbia	22 (2.0)	▼
Hungary	22 (1.8)	▼
Cyprus	20 (1.8)	▼
Italy	18 (2.0)	▼
Croatia	18 (1.9)	▼
Turkey	17 (1.7)	▼
Chile	16 (1.3)	▼
France	16 (1.7)	▼
Georgia	16 (2.4)	▼
United Arab Emirates	13 (0.9)	▼
Qatar	11 (1.6)	▼
Bahrain	9 (1.3)	▼
Oman	9 (0.9)	▼
Saudi Arabia	7 (1.4)	▼
Morocco	7 (1.6)	▼
Iran, Islamic Rep. of	5 (1.5)	▼
Kuwait	4 (1.0)	▼
Indonesia	2 (0.6)	▼
<b>Benchmarking Participants</b>		
Florida, US	44 (3.3)	▲
Quebec, Canada	38 (3.9)	▲
Ontario, Canada	35 (1.9)	▲
Norway (4)	22 (2.0)	▼
Dubai, UAE	21 (1.4)	▼
Abu Dhabi, UAE	9 (1.4)	▼
Buenos Aires, Argentina	6 (1.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M14\_01 (M061240): Place value expansions (DERIVED)**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hungary	69 (2.4)	▲
Chinese Taipei	68 (1.9)	▲
Korea, Rep. of	66 (2.0)	▲
Singapore	66 (1.9)	▲
Hong Kong SAR	66 (2.4)	▲
Japan	60 (2.1)	▲
Northern Ireland	58 (3.6)	▲
Germany	54 (2.2)	▲
Netherlands	51 (2.1)	▲
Bulgaria	51 (2.8)	▲
Cyprus	50 (2.1)	▲
Czech Republic	50 (2.0)	▲
Belgium (Flemish)	49 (2.0)	▲
Canada	49 (1.3)	▲
Denmark	49 (2.5)	▲
Lithuania	47 (2.5)	▲
Finland	46 (2.3)	▲
Sweden	45 (2.2)	▲
Norway (5)	39 (2.6)	
United States	39 (1.4)	
Russian Federation	38 (2.4)	
<b>International Avg.</b>	<b>37 (0.3)</b>	
Australia	37 (2.2)	
Croatia	36 (2.4)	
Poland	36 (2.3)	
France	36 (2.0)	
England	36 (2.3)	
Serbia	35 (2.6)	
Slovenia	33 (2.7)	
New Zealand	32 (1.8)	▼
Georgia	31 (2.2)	▼
Ireland	30 (2.5)	▼
Italy	30 (2.2)	▼
Slovak Republic	30 (2.0)	▼
Kazakhstan	29 (2.2)	▼
Portugal	26 (1.8)	▼
Iran, Islamic Rep. of	25 (2.7)	▼
Spain	22 (1.8)	▼
Chile	18 (1.7)	▼
United Arab Emirates	17 (0.9)	▼
Morocco	15 (1.8)	▼
Bahrain	15 (1.9)	▼
Qatar	15 (1.3)	▼
Oman	12 (1.2)	▼
Turkey	11 (1.3)	▼
Kuwait	8 (1.2)	▼
Saudi Arabia	8 (1.1)	▼
Indonesia	3 (0.9)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	71 (3.9)	▲
Florida, US	46 (2.1)	▲
Ontario, Canada	42 (2.0)	▲
Norway (4)	35 (2.7)	
Buenos Aires, Argentina	33 (2.7)	
Dubai, UAE	24 (1.3)	▼
Abu Dhabi, UAE	16 (1.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
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**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M14\_01A (M061240A): Place value expansion - 3h+58o**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Singapore	93 (0.8)	▲
Hong Kong SAR	93 (1.5)	▲
Portugal	93 (1.0)	▲
Hungary	92 (1.2)	▲
Chinese Taipei	92 (1.4)	▲
Northern Ireland	89 (2.0)	▲
Korea, Rep. of	89 (1.4)	▲
Japan	87 (1.4)	▲
Germany	85 (1.7)	▲
Denmark	85 (1.7)	▲
Russian Federation	83 (1.7)	▲
Finland	83 (2.1)	▲
Canada	82 (0.9)	▲
Cyprus	82 (1.6)	▲
France	82 (1.6)	▲
Australia	82 (1.8)	▲
Lithuania	81 (1.9)	▲
Belgium (Flemish)	80 (1.7)	▲
Czech Republic	80 (1.8)	▲
New Zealand	79 (1.5)	▲
Ireland	79 (2.0)	
Bulgaria	79 (2.1)	
Sweden	78 (1.8)	
Poland	77 (1.6)	
Kazakhstan	77 (2.2)	
Norway (5)	76 (2.2)	
United States	76 (1.3)	
<b>International Avg.</b>	<b>75 (0.3)</b>	
England	75 (1.8)	
Serbia	74 (2.4)	
Italy	74 (2.0)	
Netherlands	74 (1.9)	
Georgia	72 (2.4)	
Slovenia	72 (2.0)	
Croatia	71 (2.2)	
Spain	70 (2.3)	▼
Morocco	67 (2.4)	▼
Iran, Islamic Rep. of	67 (2.9)	▼
Qatar	63 (2.1)	▼
United Arab Emirates	62 (1.4)	▼
Slovak Republic	61 (1.8)	▼
Bahrain	61 (2.4)	▼
Chile	59 (2.0)	▼
Oman	55 (1.4)	▼
Kuwait	54 (3.0)	▼
Saudi Arabia	54 (2.1)	▼
Turkey	50 (2.1)	▼
Indonesia	39 (2.6)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	90 (1.6)	▲
Florida, US	82 (2.2)	▲
Ontario, Canada	80 (1.6)	▲
Norway (4)	79 (2.1)	▲
Buenos Aires, Argentina	68 (2.6)	▼
Dubai, UAE	66 (1.8)	▼
Abu Dhabi, UAE	59 (2.5)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M14\_01B (M061240B): Place value expansion -  $3h+4t+18o$   
Multiple Choice (Key is A)**

Country	Percent Correct	
Hungary	74 (2.4)	▲
Chinese Taipei	73 (1.9)	▲
Korea, Rep. of	73 (2.0)	▲
Hong Kong SAR	70 (2.3)	▲
Singapore	70 (1.7)	▲
Japan	67 (1.9)	▲
Bulgaria	65 (2.9)	▲
Northern Ireland	61 (3.4)	▲
Netherlands	60 (2.3)	▲
Cyprus	59 (2.0)	▲
Germany	59 (2.2)	▲
Czech Republic	57 (2.1)	▲
Canada	57 (1.3)	▲
Sweden	55 (2.4)	▲
Lithuania	55 (2.7)	▲
Belgium (Flemish)	55 (2.0)	▲
Finland	53 (2.6)	▲
Denmark	53 (2.4)	▲
United States	46 (1.4)	
Norway (5)	46 (2.7)	
<b>International Avg.</b>	<b>46 (0.3)</b>	
Serbia	45 (2.6)	
Croatia	45 (2.4)	
Russian Federation	45 (2.6)	
England	44 (2.4)	
Poland	43 (2.5)	
Australia	43 (2.1)	
France	43 (2.2)	
Slovenia	42 (2.7)	
Slovak Republic	41 (2.3)	▼
New Zealand	41 (1.8)	▼
Italy	39 (2.0)	▼
Georgia	39 (2.5)	▼
Kazakhstan	39 (2.9)	▼
Ireland	38 (2.6)	▼
Iran, Islamic Rep. of	38 (2.5)	▼
Morocco	32 (2.5)	▼
Spain	31 (1.9)	▼
Portugal	30 (2.0)	▼
Chile	29 (1.8)	▼
United Arab Emirates	28 (1.1)	▼
Bahrain	27 (2.4)	▼
Kuwait	26 (1.9)	▼
Qatar	25 (1.8)	▼
Oman	24 (1.4)	▼
Saudi Arabia	23 (1.9)	▼
Indonesia	23 (2.3)	▼
Turkey	19 (1.4)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	75 (3.5)	▲
Florida, US	52 (2.1)	▲
Ontario, Canada	50 (2.2)	
Norway (4)	43 (2.6)	
Buenos Aires, Argentina	41 (2.7)	
Dubai, UAE	32 (1.4)	▼
Abu Dhabi, UAE	31 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M14\_01C (M061240C): Place value expansion -  $3h+15t+8o$   
Multiple Choice (Key is B)**

Country	Percent Correct	
Chinese Taipei	95 (1.0)	▲
Singapore	94 (0.8)	▲
Korea, Rep. of	93 (1.2)	▲
Japan	93 (1.1)	▲
Belgium (Flemish)	92 (1.0)	▲
Hong Kong SAR	92 (1.5)	▲
Czech Republic	92 (1.2)	▲
Hungary	92 (1.4)	▲
Netherlands	91 (1.3)	▲
Russian Federation	91 (1.0)	▲
Lithuania	91 (1.5)	▲
Northern Ireland	91 (1.5)	▲
Poland	91 (1.4)	▲
Sweden	90 (1.5)	▲
Ireland	90 (1.3)	▲
Germany	90 (1.2)	▲
France	90 (1.1)	▲
Slovenia	90 (1.6)	▲
Finland	89 (1.6)	▲
Portugal	88 (1.6)	▲
Denmark	88 (1.5)	▲
Norway (5)	87 (1.9)	▲
Spain	86 (1.6)	▲
Kazakhstan	86 (1.3)	▲
England	86 (1.5)	▲
Canada	86 (1.1)	▲
United States	85 (1.0)	▲
Slovak Republic	85 (1.4)	▲
Croatia	84 (1.7)	
Australia	84 (1.9)	
Bulgaria	83 (2.3)	
Serbia	82 (2.5)	
Cyprus	82 (1.6)	
<b>International Avg.</b>	<b>82 (0.2)</b>	
New Zealand	81 (1.6)	
Italy	79 (2.2)	
Turkey	77 (1.7)	▼
Chile	72 (2.0)	▼
Iran, Islamic Rep. of	70 (2.7)	▼
Georgia	70 (2.2)	▼
United Arab Emirates	68 (1.1)	▼
Qatar	66 (1.9)	▼
Bahrain	65 (2.3)	▼
Morocco	59 (2.5)	▼
Oman	55 (1.5)	▼
Kuwait	54 (2.6)	▼
Saudi Arabia	50 (2.3)	▼
Indonesia	45 (2.8)	▼
<b>Benchmarking Participants</b>		
Quebec, Canada	93 (1.4)	▲
Florida, US	91 (1.9)	▲
Norway (4)	84 (1.8)	
Ontario, Canada	84 (1.6)	
Dubai, UAE	79 (1.3)	
Buenos Aires, Argentina	65 (2.7)	▼
Abu Dhabi, UAE	62 (2.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M14\_02 (M061254): Complete the table for Mia's input-output game**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Korea, Rep. of	82 (1.7)	▲
Japan	82 (1.7)	▲
Hong Kong SAR	77 (2.1)	▲
Northern Ireland	75 (2.3)	▲
Russian Federation	72 (2.3)	▲
Chinese Taipei	71 (2.0)	▲
Singapore	71 (1.7)	▲
Lithuania	70 (2.3)	▲
Hungary	68 (2.2)	▲
Poland	64 (2.3)	▲
England	59 (2.1)	▲
Spain	59 (2.2)	▲
Denmark	58 (2.1)	▲
Finland	57 (2.4)	▲
Bulgaria	55 (2.4)	▲
Czech Republic	55 (2.2)	▲
Cyprus	55 (2.5)	▲
United States	54 (1.8)	▲
Serbia	54 (2.3)	
Portugal	54 (2.1)	
Ireland	53 (2.6)	
Norway (5)	53 (2.6)	
Turkey	52 (1.7)	
Italy	51 (2.7)	
Croatia	51 (2.4)	
International Avg.	50 (0.3)	
Netherlands	49 (3.0)	
Germany	48 (2.0)	
Slovak Republic	47 (2.1)	
Slovenia	45 (2.4)	▼
Georgia	43 (2.2)	▼
Canada	42 (1.7)	▼
Sweden	42 (2.4)	▼
United Arab Emirates	41 (1.1)	▼
Kazakhstan	41 (2.3)	▼
Qatar	40 (2.0)	▼
Australia	40 (2.3)	▼
Belgium (Flemish)	39 (2.1)	▼
New Zealand	37 (1.9)	▼
France	35 (2.4)	▼
Oman	34 (1.5)	▼
Iran, Islamic Rep. of	33 (2.8)	▼
Bahrain	33 (2.2)	▼
Chile	32 (2.2)	▼
Saudi Arabia	27 (2.0)	▼
Morocco	15 (1.2)	▼
Kuwait	14 (1.5)	▼
Indonesia	13 (1.7)	▼
<b>Benchmarking Participants</b>		
Florida, US	61 (3.0)	▲
Dubai, UAE	54 (1.6)	▲
Quebec, Canada	49 (3.9)	
Norway (4)	42 (2.4)	▼
Ontario, Canada	42 (2.3)	▼
Abu Dhabi, UAE	38 (2.3)	▼
Buenos Aires, Argentina	24 (2.4)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M14\_03 (M061244): Choose true statement about 2 and 3 digit numbers**  
**Multiple Choice (Key is C)**

Country	Percent Correct	
Russian Federation	88 (1.8)	⬆
Hong Kong SAR	87 (1.4)	⬆
Korea, Rep. of	84 (1.7)	⬆
Singapore	82 (1.4)	⬆
Lithuania	80 (2.4)	⬆
Hungary	78 (1.9)	⬆
Poland	78 (1.9)	⬆
Japan	76 (1.9)	⬆
Chinese Taipei	75 (2.0)	⬆
Bulgaria	75 (2.1)	⬆
Cyprus	75 (1.7)	⬆
Croatia	73 (2.0)	⬆
Serbia	73 (2.4)	⬆
Spain	73 (2.2)	⬆
England	72 (2.1)	⬆
Belgium (Flemish)	72 (1.8)	⬆
Portugal	72 (1.5)	⬆
Kazakhstan	72 (2.3)	⬆
United States	71 (1.2)	⬆
Northern Ireland	70 (2.6)	⬆
Germany	69 (2.0)	⬆
Turkey	69 (1.5)	⬆
Netherlands	69 (2.4)	⬆
Italy	67 (2.4)	
Georgia	67 (2.4)	
Australia	65 (2.1)	
International Avg.	64 (0.3)	
Ireland	64 (2.4)	
Slovak Republic	63 (1.9)	
Canada	63 (1.5)	
Denmark	60 (2.1)	
Finland	59 (2.3)	⬇
New Zealand	58 (2.0)	⬇
Slovenia	58 (2.5)	⬇
Czech Republic	57 (1.9)	⬇
Norway (5)	56 (2.3)	⬇
United Arab Emirates	51 (1.3)	⬇
Oman	51 (1.7)	⬇
Bahrain	51 (1.9)	⬇
Qatar	51 (2.1)	⬇
Chile	51 (2.1)	⬇
Iran, Islamic Rep. of	49 (3.2)	⬇
Sweden	49 (2.4)	⬇
Morocco	45 (2.3)	⬇
Saudi Arabia	42 (2.1)	⬇
France	40 (2.2)	⬇
Kuwait	32 (2.4)	⬇
Indonesia	31 (2.3)	⬇
<b>Benchmarking Participants</b>		
Florida, US	73 (2.8)	⬆
Dubai, UAE	67 (2.1)	
Ontario, Canada	66 (1.7)	
Quebec, Canada	59 (4.0)	
Abu Dhabi, UAE	45 (2.4)	⬇
Norway (4)	44 (2.6)	⬇
Buenos Aires, Argentina	35 (2.7)	⬇

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ⬆ Percent significantly higher than international average  
 ⬇ Percent significantly lower than international average  
 ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M14\_04 (M061041): Identify number between 1.4 and 1.78**  
**Multiple Choice (Key is B)**

Country	Percent Correct	
Korea, Rep. of	88 (1.6)	▲
Singapore	75 (1.7)	▲
Chinese Taipei	73 (1.7)	▲
Hong Kong SAR	65 (2.9)	▲
Japan	54 (2.4)	▲
Northern Ireland	54 (2.8)	▲
Belgium (Flemish)	50 (1.8)	▲
United States	50 (1.6)	▲
Norway (5)	46 (2.6)	▲
England	46 (2.1)	▲
Portugal	46 (2.0)	▲
Finland	44 (2.3)	▲
Denmark	42 (2.8)	
Kazakhstan	42 (2.6)	
Poland	40 (2.6)	
Ireland	40 (2.5)	
<b>International Avg.</b>	<b>39 (0.3)</b>	
Bulgaria	39 (2.5)	
Lithuania	38 (2.6)	
Spain	37 (2.2)	
Australia	37 (2.5)	
France	36 (2.4)	
Germany	36 (2.4)	
New Zealand	35 (1.9)	▼
Italy	35 (2.3)	
Canada	35 (1.5)	▼
Sweden	35 (2.1)	▼
United Arab Emirates	34 (1.3)	▼
Russian Federation	34 (1.8)	▼
Netherlands	32 (2.5)	▼
Saudi Arabia	32 (2.0)	▼
Oman	32 (1.6)	▼
Morocco	31 (2.3)	▼
Slovak Republic	30 (1.9)	▼
Cyprus	29 (1.8)	▼
Kuwait	29 (2.0)	▼
Serbia	29 (2.1)	▼
Hungary	28 (2.1)	▼
Bahrain	28 (2.6)	▼
Qatar	28 (1.9)	▼
Chile	27 (1.9)	▼
Czech Republic	27 (2.0)	▼
Turkey	27 (2.0)	▼
Croatia	26 (2.0)	▼
Slovenia	24 (2.2)	▼
Georgia	24 (2.4)	▼
Indonesia	23 (1.9)	▼
Iran, Islamic Rep. of	- -	
<b>Benchmarking Participants</b>		
Quebec, Canada	55 (3.8)	▲
Florida, US	53 (3.6)	▲
Dubai, UAE	43 (1.9)	▲
Norway (4)	28 (2.1)	▼
Ontario, Canada	28 (2.0)	▼
Abu Dhabi, UAE	27 (2.2)	▼
Buenos Aires, Argentina	18 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M14\_05 (M061173): Find the value of w in number sentence**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	84 (1.8)	▲
Singapore	79 (1.3)	▲
Russian Federation	78 (2.0)	▲
Kazakhstan	77 (2.4)	▲
Northern Ireland	76 (2.9)	▲
Netherlands	75 (2.0)	▲
Korea, Rep. of	74 (2.4)	▲
Japan	73 (2.0)	▲
Finland	72 (1.7)	▲
Sweden	71 (2.4)	▲
Denmark	70 (2.0)	▲
Serbia	70 (2.6)	▲
Norway (5)	68 (2.1)	▲
Belgium (Flemish)	67 (2.0)	▲
Chinese Taipei	67 (2.1)	▲
Hungary	67 (2.2)	▲
Cyprus	66 (2.0)	▲
United States	66 (1.5)	▲
Lithuania	66 (2.3)	▲
Portugal	66 (2.1)	▲
Poland	63 (2.4)	▲
Croatia	63 (1.9)	▲
Georgia	61 (2.7)	
England	61 (2.7)	
Ireland	61 (2.4)	
Germany	61 (2.3)	
Slovak Republic	59 (2.1)	
Bulgaria	57 (2.9)	
<b>International Avg.</b>	<b>57 (0.3)</b>	
Czech Republic	54 (2.1)	
Turkey	52 (2.3)	▼
Chile	50 (2.3)	▼
Spain	49 (2.2)	▼
Italy	47 (2.7)	▼
Slovenia	47 (2.0)	▼
Canada	46 (1.6)	▼
Australia	46 (2.4)	▼
New Zealand	44 (2.0)	▼
France	43 (2.2)	▼
Bahrain	42 (2.7)	▼
United Arab Emirates	42 (1.2)	▼
Qatar	38 (2.1)	▼
Indonesia	35 (2.3)	▼
Oman	35 (1.8)	▼
Morocco	29 (2.3)	▼
Iran, Islamic Rep. of	28 (2.8)	▼
Saudi Arabia	22 (2.3)	▼
Kuwait	19 (2.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	72 (2.9)	▲
Norway (4)	57 (2.8)	
Dubai, UAE	53 (2.2)	
Ontario, Canada	48 (2.0)	▼
Quebec, Canada	48 (3.0)	▼
Abu Dhabi, UAE	35 (2.2)	▼
Buenos Aires, Argentina	26 (2.7)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M14\_06 (M061252): Expression to find number of books Luke read**  
**Multiple Choice (Key is D)**

Country	Percent Correct	
Singapore	73 (1.9)	▲
Hong Kong SAR	70 (2.5)	▲
Russian Federation	67 (1.8)	▲
Northern Ireland	62 (2.7)	▲
Chinese Taipei	59 (2.2)	▲
Lithuania	59 (2.7)	▲
Germany	58 (1.9)	▲
Netherlands	53 (2.4)	▲
Norway (5)	52 (2.8)	▲
Poland	52 (2.0)	▲
Ireland	51 (2.5)	▲
England	51 (2.1)	▲
Japan	50 (2.2)	▲
Hungary	49 (2.1)	▲
Denmark	48 (2.3)	▲
Bulgaria	48 (2.9)	▲
Serbia	47 (2.5)	▲
Kazakhstan	46 (2.8)	▲
United States	46 (1.4)	▲
Korea, Rep. of	46 (2.1)	▲
Finland	43 (2.3)	
Belgium (Flemish)	43 (1.7)	
Sweden	42 (2.6)	
New Zealand	41 (2.0)	
Croatia	41 (2.1)	
International Avg.	40 (0.3)	
Australia	40 (2.2)	
Iran, Islamic Rep. of	38 (3.3)	
Slovak Republic	38 (2.5)	
Portugal	37 (1.9)	
Italy	36 (2.3)	
Cyprus	36 (1.8)	▼
Czech Republic	36 (2.6)	
Georgia	35 (2.4)	▼
Slovenia	33 (2.1)	▼
Canada	31 (1.3)	▼
Turkey	27 (1.5)	▼
France	27 (2.5)	▼
Spain	26 (1.7)	▼
United Arab Emirates	24 (0.9)	▼
Qatar	22 (2.1)	▼
Morocco	20 (1.5)	▼
Chile	20 (1.6)	▼
Oman	19 (1.3)	▼
Bahrain	19 (1.3)	▼
Kuwait	17 (2.1)	▼
Saudi Arabia	12 (1.4)	▼
Indonesia	8 (1.3)	▼
<b>Benchmarking Participants</b>		
Florida, US	49 (2.9)	▲
Norway (4)	37 (2.8)	
Dubai, UAE	33 (1.7)	▼
Ontario, Canada	32 (1.8)	▼
Quebec, Canada	31 (3.2)	▼
Abu Dhabi, UAE	23 (1.8)	▼
Buenos Aires, Argentina	15 (1.8)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M14\_07 (M061261): Find the next number for Ian's number pattern**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	74 (2.1)	▲
Russian Federation	73 (2.0)	▲
Korea, Rep. of	73 (2.0)	▲
Northern Ireland	72 (2.7)	▲
Singapore	71 (1.9)	▲
Chinese Taipei	70 (2.1)	▲
England	69 (2.1)	▲
Ireland	67 (2.3)	▲
Japan	66 (1.9)	▲
Poland	64 (2.4)	▲
Netherlands	62 (2.2)	▲
Hungary	60 (2.3)	▲
Lithuania	59 (2.3)	▲
United States	58 (1.3)	▲
Kazakhstan	58 (2.5)	▲
Cyprus	57 (2.3)	▲
Sweden	56 (2.5)	▲
Denmark	55 (2.4)	▲
Czech Republic	54 (2.3)	▲
Finland	52 (2.7)	
Norway (5)	52 (2.2)	
Spain	52 (2.1)	
Bulgaria	51 (3.2)	
Portugal	50 (2.0)	
Australia	49 (2.2)	
New Zealand	49 (1.9)	
Georgia	48 (2.5)	
<b>International Avg.</b>	<b>48 (0.3)</b>	
Serbia	47 (2.6)	
Italy	46 (2.7)	
Belgium (Flemish)	45 (1.9)	
Canada	45 (1.6)	
Croatia	45 (2.3)	
Germany	43 (2.2)	▼
Slovak Republic	41 (2.0)	▼
Turkey	41 (2.1)	▼
Slovenia	36 (2.2)	▼
France	36 (2.4)	▼
United Arab Emirates	32 (1.6)	▼
Qatar	30 (1.9)	▼
Bahrain	25 (2.0)	▼
Indonesia	22 (2.2)	▼
Iran, Islamic Rep. of	22 (2.1)	▼
Chile	22 (1.6)	▼
Oman	16 (1.3)	▼
Saudi Arabia	11 (1.6)	▼
Morocco	10 (1.5)	▼
Kuwait	8 (1.4)	▼
<b>Benchmarking Participants</b>		
Florida, US	59 (3.3)	▲
Quebec, Canada	51 (3.1)	
Dubai, UAE	50 (1.9)	
Ontario, Canada	43 (2.3)	
Norway (4)	40 (2.5)	▼
Abu Dhabi, UAE	24 (2.4)	▼
Buenos Aires, Argentina	19 (2.0)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



**TIMSS 2015 Percent Correct Statistics for Achievement Items**
**M14\_08 (M061224): Draw angle MNP larger than a right angle**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Hong Kong SAR	82 (2.1)	▲
Singapore	79 (1.6)	▲
Korea, Rep. of	74 (2.0)	▲
Bulgaria	70 (2.9)	▲
Chinese Taipei	65 (2.0)	▲
Portugal	57 (2.2)	▲
United States	57 (1.7)	▲
Ireland	52 (2.3)	▲
Russian Federation	51 (2.7)	▲
Turkey	49 (2.3)	▲
Norway (5)	49 (2.9)	▲
Italy	48 (2.3)	▲
Belgium (Flemish)	47 (2.1)	▲
Spain	47 (2.2)	▲
Croatia	46 (2.3)	▲
Northern Ireland	43 (2.7)	▲
England	43 (2.2)	▲
Japan	42 (2.2)	▲
Australia	40 (2.4)	
Kazakhstan	40 (3.3)	
Canada	39 (1.7)	
Hungary	39 (2.2)	
Denmark	38 (2.1)	
Oman	38 (1.6)	
International Avg.	37 (0.3)	
Cyprus	36 (2.0)	
Poland	36 (2.5)	
Serbia	30 (2.1)	▼
Iran, Islamic Rep. of	29 (2.9)	▼
Lithuania	28 (2.5)	▼
Finland	28 (1.8)	▼
United Arab Emirates	28 (1.3)	▼
Sweden	26 (2.2)	▼
New Zealand	22 (2.0)	▼
France	22 (2.0)	▼
Qatar	21 (1.9)	▼
Chile	21 (1.8)	▼
Bahrain	20 (2.0)	▼
Georgia	19 (2.2)	▼
Saudi Arabia	18 (1.8)	▼
Germany	18 (1.7)	▼
Indonesia	16 (2.0)	▼
Slovenia	15 (1.5)	▼
Czech Republic	13 (1.4)	▼
Morocco	13 (2.0)	▼
Netherlands	12 (1.6)	▼
Kuwait	10 (1.7)	▼
Slovak Republic	10 (1.6)	▼
<b>Benchmarking Participants</b>		
Florida, US	64 (2.6)	▲
Quebec, Canada	45 (3.7)	▲
Ontario, Canada	45 (2.3)	▲
Dubai, UAE	41 (2.1)	▲
Norway (4)	23 (2.2)	▼
Abu Dhabi, UAE	22 (1.9)	▼
Buenos Aires, Argentina	18 (2.2)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
 ▼ Percent significantly lower than international average  
 ( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M14\_09 (M061077): View of building from above**  
**Multiple Choice (Key is A)**

Country	Percent Correct	
Finland	87 (1.5)	▲
Netherlands	86 (1.9)	▲
Japan	85 (1.7)	▲
Denmark	85 (1.8)	▲
Norway (5)	80 (2.1)	▲
Germany	79 (1.7)	▲
Korea, Rep. of	79 (1.9)	▲
Singapore	78 (1.4)	▲
Sweden	75 (2.2)	▲
Slovenia	75 (2.5)	▲
Russian Federation	75 (2.4)	▲
Belgium (Flemish)	74 (1.6)	▲
Poland	71 (2.2)	▲
Czech Republic	71 (1.8)	▲
Hong Kong SAR	70 (2.1)	▲
Australia	70 (2.2)	▲
Hungary	69 (2.1)	▲
Lithuania	68 (2.3)	▲
Slovak Republic	66 (1.9)	▲
Chinese Taipei	66 (2.1)	▲
Kazakhstan	64 (2.8)	▲
New Zealand	64 (2.0)	▲
England	62 (2.2)	▲
Northern Ireland	61 (2.9)	
United States	60 (1.5)	▲
Croatia	60 (2.2)	
Italy	59 (2.2)	
Ireland	59 (2.7)	
Cyprus	58 (1.8)	
<b>International Avg.</b>	<b>56 (0.3)</b>	
Canada	56 (1.6)	
France	56 (2.5)	
Bulgaria	56 (3.5)	
Serbia	51 (2.9)	
Spain	49 (2.0)	▼
Chile	48 (2.1)	▼
Portugal	35 (2.3)	▼
Iran, Islamic Rep. of	35 (2.7)	▼
Georgia	35 (2.4)	▼
United Arab Emirates	31 (1.1)	▼
Turkey	29 (1.8)	▼
Qatar	28 (1.6)	▼
Bahrain	20 (1.9)	▼
Indonesia	16 (1.9)	▼
Oman	14 (1.3)	▼
Kuwait	12 (1.6)	▼
Saudi Arabia	12 (1.5)	▼
Morocco	11 (1.5)	▼
<b>Benchmarking Participants</b>		
Norway (4)	65 (2.2)	▲
Ontario, Canada	59 (2.4)	
Florida, US	56 (3.1)	
Quebec, Canada	52 (3.4)	
Dubai, UAE	47 (1.9)	▼
Buenos Aires, Argentina	35 (2.8)	▼
Abu Dhabi, UAE	26 (2.3)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M14\_10A (M061069A): Time for Ahmed to read 10 pages**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Japan	91 (1.2)	▲
Singapore	90 (1.0)	▲
Hong Kong SAR	90 (1.6)	▲
Korea, Rep. of	90 (1.4)	▲
Chinese Taipei	88 (1.4)	▲
Russian Federation	83 (1.9)	▲
Northern Ireland	82 (2.1)	▲
England	81 (1.7)	▲
Norway (5)	81 (1.6)	▲
United States	79 (1.1)	▲
Portugal	77 (2.0)	▲
Lithuania	77 (2.1)	▲
Denmark	75 (1.9)	▲
Poland	74 (2.0)	▲
Finland	73 (1.9)	▲
Canada	72 (1.3)	▲
Ireland	72 (2.5)	
Hungary	71 (1.9)	
Czech Republic	71 (1.9)	
Sweden	71 (2.2)	
Spain	71 (2.0)	
Australia	70 (1.9)	
Belgium (Flemish)	70 (1.7)	
Slovenia	70 (2.0)	
New Zealand	70 (2.0)	
Netherlands	69 (2.0)	
Bulgaria	69 (2.2)	
Cyprus	69 (1.7)	
Croatia	68 (2.3)	
<b>International Avg.</b>	<b>68 (0.3)</b>	
Kazakhstan	68 (2.2)	
Germany	66 (2.2)	
Serbia	65 (2.3)	
Slovak Republic	64 (2.0)	
Italy	64 (2.3)	
Turkey	63 (1.8)	▼
United Arab Emirates	62 (1.3)	▼
France	61 (2.1)	▼
Chile	60 (2.0)	▼
Bahrain	60 (2.0)	▼
Qatar	58 (2.1)	▼
Georgia	48 (2.6)	▼
Oman	48 (2.0)	▼
Iran, Islamic Rep. of	43 (3.1)	▼
Indonesia	37 (2.7)	▼
Morocco	37 (2.6)	▼
Saudi Arabia	35 (2.1)	▼
Kuwait	35 (2.2)	▼
<b>Benchmarking Participants</b>		
Florida, US	78 (1.9)	▲
Dubai, UAE	75 (1.3)	▲
Ontario, Canada	75 (1.8)	▲
Quebec, Canada	73 (2.9)	
Norway (4)	62 (2.3)	▼
Abu Dhabi, UAE	57 (1.8)	▼
Buenos Aires, Argentina	37 (2.6)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**TIMSS 2015 Percent Correct Statistics for Achievement Items**

**M14\_10B (M061069B): Number of pages Ahmed reads in 60 minutes**  
**Constructed Response (1 Point)**

Country	Percent Correct	
Japan	75 (1.9)	▲
Korea, Rep. of	72 (2.0)	▲
Russian Federation	71 (1.5)	▲
Singapore	69 (1.7)	▲
Hong Kong SAR	68 (2.6)	▲
Chinese Taipei	67 (2.3)	▲
Northern Ireland	66 (2.8)	▲
Lithuania	65 (2.5)	▲
Norway (5)	64 (2.3)	▲
Finland	63 (2.0)	▲
Portugal	63 (2.3)	▲
Denmark	62 (2.2)	▲
Poland	61 (2.4)	▲
Slovenia	60 (2.1)	▲
Ireland	60 (2.2)	▲
Croatia	59 (2.4)	▲
Sweden	59 (2.5)	▲
England	59 (1.9)	▲
Hungary	58 (2.3)	▲
Czech Republic	58 (2.4)	▲
Germany	57 (2.1)	▲
United States	57 (1.5)	▲
Netherlands	56 (2.2)	
Serbia	56 (2.8)	
Cyprus	55 (1.8)	
Belgium (Flemish)	55 (2.2)	
Kazakhstan	54 (2.5)	
Australia	54 (2.3)	
Canada	53 (1.3)	
<b>International Avg.</b>	<b>53 (0.3)</b>	
New Zealand	53 (1.9)	
Bulgaria	52 (3.1)	
Italy	51 (2.5)	
Slovak Republic	50 (2.3)	
Spain	49 (2.1)	
France	46 (2.6)	▼
Chile	45 (2.3)	▼
Turkey	44 (1.9)	▼
United Arab Emirates	43 (1.5)	▼
Georgia	40 (2.6)	▼
Qatar	39 (1.9)	▼
Bahrain	35 (2.1)	▼
Oman	30 (1.7)	▼
Indonesia	29 (2.4)	▼
Morocco	27 (2.4)	▼
Iran, Islamic Rep. of	26 (2.7)	▼
Saudi Arabia	23 (2.0)	▼
Kuwait	19 (1.7)	▼
<b>Benchmarking Participants</b>		
Florida, US	61 (2.3)	▲
Quebec, Canada	57 (3.1)	
Dubai, UAE	54 (2.5)	
Ontario, Canada	53 (1.8)	
Norway (4)	50 (2.6)	
Abu Dhabi, UAE	38 (2.2)	▼
Buenos Aires, Argentina	27 (2.9)	▼

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

- ▲ Percent significantly higher than international average  
▼ Percent significantly lower than international average  
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