

Var. No.	Question	Variable Name	Variable Label	Code	Option	Location/Format
1	BOOKLET	IDBOOK	BOOKLET ID	VALUE 99 98	IDBOOK ID omitted not admin. VLD: (IDBOOK>=0.AND.IDBOOK<=14).OR.IDBOOK=99.OR.IDBOOK=98 Flags: SCR: 1 / CAR:F / CAT:ID / DEF:	1- 2/N 2.0
				COMMENT:		
2	SCORER A	IDSCORA	ACHIEVEMENT SCORER ID	VALUE 999999 999998	IDSCORA ID omitted not admin. VLD: .T. Flags: SCR: 2 / CAR:F / CAT:ID / DEF:	3- 8/N 6.0
				COMMENT:		
3	COUNTRY	IDCNTRY	COUNTRY ID	VALUE VLD: .T.	IDCNTRY ID VLD: .T. Flags: SCR: 3 / CAR:F / CAT:ID / DEF:	9- 13/N 5.0
				COMMENT:		
4	SCHOOL	IDSCHOOL	SCHOOL ID	VALUE VLD: (IDSCHOOL>=1.AND.IDSCHOOL<=9996) Flags: SCR: 4 / CAR:F / CAT:ID / DEF:	IDSCHOOL ID VLD: (IDSCHOOL>=1.AND.IDSCHOOL<=9996) Flags: SCR: 4 / CAR:F / CAT:ID / DEF:	14- 17/N 4.0
				COMMENT:		
5	CLASS	IDCLASS	CLASS ID	VALUE VLD: (IDCLASS>=101.AND.IDCLASS<=999996) Flags: SCR: 5 / CAR:F / CAT:ID / DEF:	IDCLASS ID VLD: (IDCLASS>=101.AND.IDCLASS<=999996) Flags: SCR: 5 / CAR:F / CAT:ID / DEF:	18- 23/N 6.0
				COMMENT:		
6	STUD	IDSTUD	STUDENT ID	VALUE VLD: (IDSTUD>=10101.AND.IDSTUD<=99999996) Flags: SCR: 6 / CAR:F / CAT:ID / DEF:	IDSTUD ID VLD: (IDSTUD>=10101.AND.IDSTUD<=99999996) Flags: SCR: 6 / CAR:F / CAT:ID / DEF:	24- 31/N 8.0
				COMMENT:		
7	(M01_01)	M012001	NUMBER OF SQUARES IN SHADED FRACTION (A)	1 2 3 4 5 9 8 6	A* B C D E omitted not admin. not reached VLD: M012001\$'1#2#3#4#5#9#8#6' Flags: SCR: 7 / CAR:F / CAT:M1 / DEF: 7	32 /C 1.0
				COMMENT:	NUMBER\USING CONCEPTS (T) (M01_01)	
8	(M01_02)	M012002	OBJECTS BALANCED ON SCALE (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: M012002\$'1#2#3#4#9#8#6' Flags: SCR: 8 / CAR:F / CAT:M3 / DEF: 7	33 /C 1.0
				COMMENT:	ALGEBRA\USING CONCEPTS (T) (M01_02)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
9 (M01_03)	M012003	ACTUAL LENGTH OF BOX FROM ROUNDED ME (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: M012003\$'1#2#3#4#9#8#6' Flags: SCR: 9 / CAR:F / CAT:M4 / DEF: 7 COMMENT: MEASUREMENT\KNOWING FACTS AND PROCEDURES (T) (M01_03)	34 /C 1.0
10 (M01_04)	M012004	LAPS RUN BY CAROL AND ALICE FR RATIO (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: M012004\$'1#2#3#4#9#8#6' Flags: SCR: 10 / CAR:F / CAT:M4 / DEF: 7 COMMENT: NUMBER\SOLVING ROUTINE PROBLEMS (T) (M01_04)	35 /C 1.0
11 (M01_05)	M012005	FALSE STATEM OF CONGRUENT TRIANGLES (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: M012005\$'1#2#3#4#9#8#6' Flags: SCR: 11 / CAR:F / CAT:M2 / DEF: 7 COMMENT: GEOMETRY\USING CONCEPTS (T) (M01_05)	36 /C 1.0
12 (M01_06)	M012006	COMPARISON OF TWO AVERAGE SCORES (C)	1 2 3 4 5 9 8 6	A B C* D E omitted not admin. not reached VLD: M012006\$'1#2#3#4#5#9#8#6' Flags: SCR: 12 / CAR:F / CAT:M3 / DEF: 7 COMMENT: DATA\USING CONCEPTS (T) (M01_06)	37 /C 1.0
13 (M01_07)	M012037	TEST SCORE FREQUENCY TABLE (B)	1 2 3 4 5 9 8 6	A B* C D E omitted not admin. not reached VLD: M012037\$'1#2#3#4#5#9#8#6' Flags: SCR: 13 / CAR:F / CAT:M2 / DEF: 7 COMMENT: DATA\REASONING (T) (M01_07)	38 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
14 (M01_08)	M012038	LENGTH OF PIPE FROM METER SCALE (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: M012038\$'1#2#3#4#9#8#6' Flags: SCR: 14 / CAR:F / CAT:M3 / DEF: 7 COMMENT: MEASUREMENT\KNOWING FACTS AND PROCEDURES (T) (M01_08)	39 /C 1.0
15 (M01_09)	M012039	SUM OF ANGLES FR INTERSECTING LINES (C)	1 2 3 4 5 9 8 6	A B C* D E omitted not admin. not reached VLD: M012039\$'1#2#3#4#5#9#8#6' Flags: SCR: 15 / CAR:F / CAT:M3 / DEF: 7 COMMENT: GEOMETRY\SOLVING ROUTINE PROBLEMS (T) (M01_09)	40 /C 1.0
16 (M01_10)	M012040	FIND N FROM PROPORTIONALITY EQUATION (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: M012040\$'1#2#3#4#9#8#6' Flags: SCR: 16 / CAR:F / CAT:M2 / DEF: 7 COMMENT: ALGEBRA\KNOWING FACTS AND PROCEDURES (T) (M01_10)	41 /C 1.0
17 (M01_11)	M012041	FRACTION BIRTHD I FIRST HALF OF YEAR (D)	1 2 3 4 5 9 8 6	A B C D* E omitted not admin. not reached VLD: M012041\$'1#2#3#4#5#9#8#6' Flags: SCR: 17 / CAR:F / CAT:M4 / DEF: 7 COMMENT: NUMBER\SOLVING ROUTINE PROBLEMS (T) (M01_11)	42 /C 1.0
18 (M01_12)	M012042	VALUE OF -3X GIVEN VALUE OF X (E)	1 2 3 4 5 9 8 6	A B C D E* omitted not admin. not reached VLD: M012042\$'1#2#3#4#5#9#8#6' Flags: SCR: 18 / CAR:F / CAT:M5 / DEF: 7 COMMENT: ALGEBRA\KNOWING FACTS AND PROCEDURES (T) (M01_12)	43 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
19 (M01_13)	M032570	3/25 OF THE P IN THE AUDICE WAS CHIL (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: M032570\$'1#2#3#4#9#8#6' Flags: SCR: 19 / CAR:F / CAT:M1 COMMENT: NUMBER\USING CONCEPTS (M01_13)	44 /C 1.0 / DEF: 7
20 (M01_14)	M032643	IF N IS A NEGATIVE INTEGER (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: M032643\$'1#2#3#4#9#8#6' Flags: SCR: 20 / CAR:F / CAT:M3 COMMENT: NUMBER\USING CONCEPTS (M01_14)	45 /C 1.0 / DEF: 7
21 (M01_15)	M032693	THE ANGLE BY A REGULAR HEXAGON (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032693\$'10#70#79#99#98#96' Flags: SCR: 21 / CAR:F / CAT:SA COMMENT: GEOMETRY\SOLVING ROUTINE PROBLEMS (M01_15)	46- 47/C 2.0 / DEF: 97
22 (M05_01)	M022043	CIRCLE WITH SAME SHADED FRACTION (D)	1 2 3 4 5 9 8 6	A B C D* E omitted not admin. not reached VLD: M022043\$'1#2#3#4#5#9#8#6' Flags: SCR: 22 / CAR:F / CAT:M4 COMMENT: NUMBER\KNOWING (T) (M05_01)	48 /C 1.0 / DEF: 7
23 (M05_02)	M022046	TOTAL KILOGRAMS OF SEED FROM MIXTURE (1)	10 19 70 71 72 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M022046\$'10#19#70#71#72#79#99#98#96' Flags: SCR: 23 / CAR:F / CAT:SA COMMENT: NUMBER\APPLYING (T) (M05_02)	49- 50/C 2.0 / DEF: 97

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
28 (M05_07)	M022257	PROBABILITY OF DRAWING BLUE BEAD (C)	1 2 3 4 5 9 8 6	A B C* D E omitted not admin. not reached VLD: M022257\$'1#2#3#4#5#9#8#6' Flags: SCR: 28 / CAR:F / CAT:M3 / DEF: 7 COMMENT: DATA AND CHANCE\APPLYING (T) (M05_07)	56 /C 1.0
29 (M05_08)	M022062	VALUE OF ANGLE IN CONGRUENT TRIANGLE (B)	1 2 3 4 5 9 8 6	A B* C D E omitted not admin. not reached VLD: M022062\$'1#2#3#4#5#9#8#6' Flags: SCR: 29 / CAR:F / CAT:M2 / DEF: 7 COMMENT: GEOMETRY\APPLYING (T) (M05_08)	57 /C 1.0
30 (M05_09)	M022066	ADDITION OF THREE FRACTIONS (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: M022066\$'1#2#3#4#9#8#6' Flags: SCR: 30 / CAR:F / CAT:M4 / DEF: 7 COMMENT: NUMBER\KNOWING (T) (M05_09)	58 /C 1.0
31 (M05_10)	M022232	ESTIMATE TIME FOR WATER TO COOL (2)	20 21 22 23 24 29 10 11 19 70 71 72 79 99 98 96	CORRECT RESP COR RES COR RES COR RES COR RES COR RES PART RES PART RES PART RES INCOR RES INCOR RES INCOR RES INCOR RESP omitted not admin. not reached VLD: M022232\$'20#21#22#23#24#29#10#11#19#70#71#72#79#99#98#96' Flags: SCR: 31 / CAR:F / CAT:SA / DEF: 97 COMMENT: NUMBER\APPLYING (T) (M05_10)	59- 60/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
32 (M05_11A)	M022234A	NEW RECTANGLE FROM OLD/DRAW ON GRID (2)	20 10 11 70 71 79 99 98 96	CORRECT RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M022234A\$'20#10#11#70#71#79#99#98#96' Flags: SCR: 32 / CAR:F / CAT:SA / DEF: 97 COMMENT: GEOMETRY\APPLYING (T) (M05_11A)	61- 62/C 2.0
33 (M05_11B)	M022234B	NEW RECTANGLE FROM OLD/RATIO OF AREA (2)	20 21 10 11 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M022234B\$'20#21#10#11#19#70#79#99#98#96' Flags: SCR: 33 / CAR:F / CAT:SA / DEF: 97 COMMENT: NUMBER\APPLYING (T) (M05_11B)	63- 64/C 2.0
34 (M05_12)	M022243	AREA OF TRIANGLE INSIDE A SQUARE (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M022243\$'10#70#79#99#98#96' Flags: SCR: 34 / CAR:F / CAT:SA / DEF: 97 COMMENT: GEOMETRY\APPLYING (T) (M05_12)	65- 66/C 2.0
35 (M06_01)	M022097	VOLTAGE SHOWN ON METER (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: M022097\$'1#2#3#4#9#8#6' Flags: SCR: 35 / CAR:F / CAT:M3 / DEF: 7 COMMENT: NUMBER\KNOWING (T) (M06_01)	67 /C 1.0
36 (M06_02)	M022101	BOX WITH GREATER CHANCE TO PICK 17 (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: M022101\$'1#2#3#4#9#8#6' Flags: SCR: 36 / CAR:F / CAT:M1 / DEF: 7 COMMENT: DATA AND CHANCE\KNOWING (T) (M06_02)	68 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
41 (M06_07)	M022110	MULTIPLY TWO DECIMALS (1)	10 11 70 71 72 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M022110\$'10#11#70#71#72#79#99#98#96' Flags: SCR: 41 / CAR:F / CAT:SA / DEF: 97 COMMENT: NUMBER\KNOWING (T) (M06_07)	74- 75/C 2.0
42 (M06_08)	M022181	GRAPH SHOWING INFORMATION IN TABLE (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: M022181\$'1#2#3#4#9#8#6' Flags: SCR: 42 / CAR:F / CAT:M2 / DEF: 7 COMMENT: DATA AND CHANCE\APPLYING (T) (M06_08)	76 /C 1.0
43 (M06_09)	M032307	FRACTION OF TICKETS SOLD FOR 10 ZEDS (1)	10 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032307\$'10#79#99#98#96' Flags: SCR: 43 / CAR:F / CAT:SA / DEF: 97 COMMENT: NUMBER\APPLYING (T) (M06_09)	77- 78/C 2.0
44 (M06_10)	M032523	CUPS OF SUGAR FOR 1 1/2 TIMES RECIPE (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: M032523\$'1#2#3#4#9#8#6' Flags: SCR: 44 / CAR:F / CAT:M2 / DEF: 7 COMMENT: NUMBER\APPLYING (T) (M06_10)	79 /C 1.0
45 (M06_11)	M032701	1 TEACHER FOR EVERY 12 STUDENTS (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: M032701\$'1#2#3#4#9#8#6' Flags: SCR: 45 / CAR:F / CAT:M3 / DEF: 7 COMMENT: NUMBER\APPLYING (T) (M06_11)	80 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
46 (M06_12)	M032704	A BUS TRAVELS AT A CONSTANT SPEED (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: M032704\$'1#2#3#4#9#8#6' Flags: SCR: 46 / CAR:F / CAT:M2 COMMENT: NUMBER\APPLYING (T) (M06_12)	81 /C 1.0 / DEF: 7
47 (M06_13)	M032525	THE NUMBER DIVIDED BY -6 GIVES 12 (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: M032525\$'1#2#3#4#9#8#6' Flags: SCR: 47 / CAR:F / CAT:M1 COMMENT: NUMBER\KNOWING (T) (M06_13)	82 /C 1.0 / DEF: 7
48 (M06_14)	M032579	THE MEASURE OF ANGLE C IN TRIANGLE (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: M032579\$'1#2#3#4#9#8#6' Flags: SCR: 48 / CAR:F / CAT:M2 COMMENT: GEOMETRY\APPLYING (T) (M06_14)	83 /C 1.0 / DEF: 7
49 (M06_15)	M032691	DRAW ANGLES THAT ARE SUPPLEMENTARY (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032691\$'10#70#79#99#98#96' Flags: SCR: 49 / CAR:F / CAT:SA COMMENT: GEOMETRY\APPLYING (T) (M06_15)	84- 85/C 2.0 / DEF: 97
50 (M09_01)	M032079	JOHN AND CATHY DIVIDE NUMBER BY 100 (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: M032079\$'1#2#3#4#9#8#6' Flags: SCR: 50 / CAR:F / CAT:M2 COMMENT: NUMBER\SOLVING ROUTINE PROBLEMS (M09_01)	86 /C 1.0 / DEF: 7

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
51 (M09_02)	M032652	TEACHERS SEND 6 NEWSLETTERS PER YEAR (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032652\$'10#70#79#99#98#96' Flags: SCR: 51 / CAR:F / CAT:SA / DEF: 97 COMMENT: NUMBER\SOLVING ROUTINE PROBLEMS (M09_02)	87- 88/C 2.0
52 (M09_03)	M032228	A SHOP INCREASED ITS PRICES BY 20 P. (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: M032228\$'1#2#3#4#9#8#6' Flags: SCR: 52 / CAR:F / CAT:M3 / DEF: 7 COMMENT: NUMBER\SOLVING ROUTINE PROBLEMS (M09_03)	89 /C 1.0
53 (M09_04)	M032044	CARLA PAID X ZEDS FOR 3 CARTON JUICE (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: M032044\$'1#2#3#4#9#8#6' Flags: SCR: 53 / CAR:F / CAT:M1 / DEF: 7 COMMENT: ALGEBRA\USING CONCEPTS (M09_04)	90 /C 1.0
54 (M09_05)	M032046	IF Y EQUALS 3X PLUS 2 (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: M032046\$'1#2#3#4#9#8#6' Flags: SCR: 54 / CAR:F / CAT:M1 / DEF: 7 COMMENT: ALGEBRA\USING CONCEPTS (M09_05)	91 /C 1.0
55 (M09_06)	M032545	7 ORANGES AND 4 LEMONS COST 43 ZEDS (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032545\$'10#70#79#99#98#96' Flags: SCR: 55 / CAR:F / CAT:SA / DEF: 97 COMMENT: ALGEBRA\SOLVING ROUTINE PROBLEMS (M09_06)	92- 93/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
56 (M09_07A)	M032649A	CAR RALLY/AVERAGE SPEED (1)	10 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032649A\$'10#79#99#98#96' Flags: SCR: 56 / CAR:F / CAT:SA / DEF: 97 COMMENT: MEASUREMENT\SOLVING ROUTINE PROBLEMS (M09_07A)	94- 95/C 2.0
57 (M09_07B)	M032649B	CAR RALLY/AVERAGE SPEED ONE SECTION (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032649B\$'10#70#79#99#98#96' Flags: SCR: 57 / CAR:F / CAT:SA / DEF: 97 COMMENT: MEASUREMENT\REASONING (M09_07B)	96- 97/C 2.0
58 (M09_08)	M032533	A MACHINE USE 2.4 LITERS OF GASOLINE (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: M032533\$'1#2#3#4#9#8#6' Flags: SCR: 58 / CAR:F / CAT:M2 / DEF: 7 COMMENT: NUMBER\SOLVING ROUTINE PROBLEMS (M09_08)	98 /C 1.0
59 (M09_09)	M032678	THE AREA OF THE RECTANGLE ABCD (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: M032678\$'1#2#3#4#9#8#6' Flags: SCR: 59 / CAR:F / CAT:M4 / DEF: 7 COMMENT: MEASUREMENT\USING CONCEPTS (M09_09)	99 /C 1.0
60 (M09_10)	M032403	DRAW A LINE TO DIVIDE TRIANGLE ABC (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032403\$'10#70#79#99#98#96' Flags: SCR: 60 / CAR:F / CAT:SA / DEF: 97 COMMENT: GEOMETRY\KNOWING FACTS AND PROCEDURES (M09_10)	100- 101/C 2.0

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61 (M09_11)	M032261	IDENTIFY SIMILAR TRIANGLES (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: M032261\$'1#2#3#4#9#8#6' Flags: SCR: 61 / CAR:F / CAT:M4 COMMENT: GEOMETRY\USING CONCEPTS (M09_11)	102 /C 1.0
62 (M09_12)	M032489	WHICH COULD FOLDED MAKE A 3-D FIGURE (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: M032489\$'1#2#3#4#9#8#6' Flags: SCR: 62 / CAR:F / CAT:M4 COMMENT: GEOMETRY\USING CONCEPTS (M09_12)	103 /C 1.0
63 (M09_13)	M032588	WHICH POINT COULD COORDINATE (2, -4) (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: M032588\$'1#2#3#4#9#8#6' Flags: SCR: 63 / CAR:F / CAT:M3 COMMENT: GEOMETRY\KNOWING FACTS AND PROCEDURES (M09_13)	104 /C 1.0
64 (M09_14)	M032271	IN A SCHOOL THERE WERE 1200 STUDENTS (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: M032271\$'1#2#3#4#9#8#6' Flags: SCR: 64 / CAR:F / CAT:M3 COMMENT: DATA\REASONING (M09_14)	105 /C 1.0
65 (M10_01)	M032671	GARDEN WITH 14 ROWS OF 20 PLANT EACH (1)	10 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032671\$'10#79#99#98#96' Flags: SCR: 65 / CAR:F / CAT:SA COMMENT: NUMBER\SOLVING ROUTINE PROBLEMS (M10_01)	106- 107/C 2.0

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66 (M10_02)	M032612	THE VALUE OF 1 MINUS 5 TIMES -2 (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: M032612\$'1#2#3#4#9#8#6' Flags: SCR: 66 / CAR:F / CAT:M1 / DEF: 7 COMMENT: NUMBER\KNOWING FACTS AND PROCEDURES (M10_02)	108 /C 1.0
67 (M10_03)	M032557	THE VALUE OF A + 2 TIMES (B PLUS C) (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032557\$'10#70#79#99#98#96' Flags: SCR: 67 / CAR:F / CAT:SA / DEF: 97 COMMENT: ALGEBRA\REASONING (M10_03)	109- 110/C 2.0
68 (M10_04)	M032208	X MINUS Y EQUALS 5 AND X/2 EQUALS 3 (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: M032208\$'1#2#3#4#9#8#6' Flags: SCR: 68 / CAR:F / CAT:M2 / DEF: 7 COMMENT: ALGEBRA\SOLVING ROUTINE PROBLEMS (M10_04)	111 /C 1.0
69 (M10_05)	M032210	IF A/B EQUALS 70 (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: M032210\$'1#2#3#4#9#8#6' Flags: SCR: 69 / CAR:F / CAT:M1 / DEF: 7 COMMENT: ALGEBRA\SOLVING ROUTINE PROBLEMS (M10_05)	112 /C 1.0
70 (M10_06)	M032699	THE UNIT USED FOR A SOCCER FIELD (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: M032699\$'1#2#3#4#9#8#6' Flags: SCR: 70 / CAR:F / CAT:M3 / DEF: 7 COMMENT: MEASUREMENT\KNOWING FACTS AND PROCEDURES (M10_06)	113 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
71 (M10_07)	M032762	PHONE PLANS_LEAST EXPENS PLAN BETTY (2)	20 10 70 71 79 99 98 96	CORRECT RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032762\$'20#10#70#71#79#99#98#96' Flags: SCR: 71 / CAR:F / CAT:SA / DEF: 97 COMMENT: DATA\REASONING (M10_07)	114- 115/C 2.0
72 (M10_08)	M032763	PHONE PLANS_COST OF PLANS FOR FRANK (2)	20 10 11 79 99 98 96	CORRECT RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032763\$'20#10#11#79#99#98#96' Flags: SCR: 72 / CAR:F / CAT:SA / DEF: 97 COMMENT: DATA\SOLVING ROUTINE PROBLEMS (M10_08)	116- 117/C 2.0
73 (M10_09)	M032764	PHONE PLANS_MINUTES TALK BY DARLENE (2)	20 10 11 12 79 99 98 96	CORRECT RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032764\$'20#10#11#12#79#99#98#96' Flags: SCR: 73 / CAR:F / CAT:SA / DEF: 97 COMMENT: DATA\SOLVING ROUTINE PROBLEMS (M10_09)	118- 119/C 2.0
74 (M10_10)	M032647	ORANGES ARE PACKED IN BOXES (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: M032647\$'1#2#3#4#9#8#6' Flags: SCR: 74 / CAR:F / CAT:M2 / DEF: 7 COMMENT: MEASUREMENT\REASONING (M10_10)	120 /C 1.0
75 (M10_11)	M032689	THE SIZE OF ANGLE PRQ (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: M032689\$'1#2#3#4#9#8#6' Flags: SCR: 75 / CAR:F / CAT:M3 / DEF: 7 COMMENT: GEOMETRY\USING CONCEPTS (M10_11)	121 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
76 (M11_01)	M032094	4/100 PLUS 3/1000 (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: M032094\$'1#2#3#4#9#8#6' Flags: SCR: 76 / CAR:F / CAT:M1 COMMENT: NUMBER\KNOWING (T) (M11_01)	122 /C 1.0
77 (M11_02)	M032662	LOCATION OF N ON NUMBER LINE (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: M032662\$'1#2#3#4#9#8#6' Flags: SCR: 77 / CAR:F / CAT:M4 COMMENT: NUMBER\REASONING (T) (M11_02)	123 /C 1.0
78 (M11_03)	M032064	ANN AND JENNY DIVIDE 560 ZEDS (1)	10 70 71 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032064\$'10#70#71#79#99#98#96' Flags: SCR: 78 / CAR:F / CAT:SA COMMENT: NUMBER\APPLYING (T) (M11_03)	124- 125/C 2.0
79 (M11_04)	M032419	WHICH REPRESENTS 2X PLUS 3X (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: M032419\$'1#2#3#4#9#8#6' Flags: SCR: 79 / CAR:F / CAT:M3 COMMENT: ALGEBRA\KNOWING (T) (M11_04)	126 /C 1.0
80 (M11_05)	M032477	COST IN ZEDS FOR TAXI TRIP OF N KM (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: M032477\$'1#2#3#4#9#8#6' Flags: SCR: 80 / CAR:F / CAT:M1 COMMENT: ALGEBRA\KNOWING (T) (M11_05)	127 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
81 (M11_06)	M032538	FIND THE VALUE OF Y WHEN T IS 9 (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032538\$'10#70#79#99#98#96' Flags: SCR: 81 / CAR:F / CAT:SA COMMENT: ALGEBRA\KNOWING (T) (M11_06)	128- 129/C 2.0 / DEF: 97
82 (M11_07)	M032324	DISTANCE FROM MIDPOINTS OF AB AND BC (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: M032324\$'1#2#3#4#9#8#6' Flags: SCR: 82 / CAR:F / CAT:M4 COMMENT: GEOMETRY\REASONING (T) (M11_07)	130 /C 1.0 / DEF: 7
83 (M11_08)	M032116	AREA OF A SQUARE IS 144 SQUARE CM (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: M032116\$'1#2#3#4#9#8#6' Flags: SCR: 83 / CAR:F / CAT:M2 COMMENT: GEOMETRY\APPLYING (T) (M11_08)	131 /C 1.0 / DEF: 7
84 (M11_09)	M032100	SHAPE MADE UP OF SAME SIZE CUBES (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: M032100\$'1#2#3#4#9#8#6' Flags: SCR: 84 / CAR:F / CAT:M4 COMMENT: GEOMETRY\APPLYING (T) (M11_09)	132 /C 1.0 / DEF: 7
85 (M11_10)	M032402	WHY TRIANGLE IS RIGHT ANGLE TRIANGLE (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: M032402\$'1#2#3#4#9#8#6' Flags: SCR: 85 / CAR:F / CAT:M1 COMMENT: GEOMETRY\REASONING (T) (M11_10)	133 /C 1.0 / DEF: 7

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
86 (M11_11)	M032734	VIEW OF SHAPE DIRECTLY FROM ABOVE (1)	10 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032734\$'10#79#99#98#96' Flags: SCR: 86 / CAR:F / CAT:SA / DEF: 97 COMMENT: GEOMETRY\KNOWING (T) (M11_11)	134- 135/C 2.0
87 (M11_12)	M032397	FIGURE 1 TRANSFORMED TO 2 AND 3 (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: M032397\$'1#2#3#4#9#8#6' Flags: SCR: 87 / CAR:F / CAT:M2 / DEF: 7 COMMENT: GEOMETRY\KNOWING (T) (M11_12)	136 /C 1.0
88 (M11_13)	M032695	MAKE A PIE CHART SHOWING PROPORTIONS (2)	20 10 11 70 79 99 98 96	CORRECT RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032695\$'20#10#11#70#79#99#98#96' Flags: SCR: 88 / CAR:F / CAT:SA / DEF: 97 COMMENT: DATA AND CHANCE\APPLYING (T) (M11_13)	137- 138/C 2.0
89 (M11_14)	M032132	HOW LIKELY TO GET PINK CANDY (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: M032132\$'1#2#3#4#9#8#6' Flags: SCR: 89 / CAR:F / CAT:M4 / DEF: 7 COMMENT: DATA AND CHANCE\KNOWING (T) (M11_14)	139 /C 1.0
90 (M12_01)	M032352	THE SHADOW LENGTHS OF FOUR BUSHES (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: M032352\$'1#2#3#4#9#8#6' Flags: SCR: 90 / CAR:F / CAT:M3 / DEF: 7 COMMENT: ALGEBRA\APPLYING (T) (M12_01)	140 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
91 (M12_02)	M032725	WRITE 3 5/6 IN DECIMAL FORM (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032725\$'10#70#79#99#98#96' Flags: SCR: 91 / CAR:F / CAT:SA COMMENT: NUMBER\KNOWING (T) (M12_02)	141- 142/C 2.0 / DEF: 97
92 (M12_03)	M032683	SIMPLIFY 3X/8 PLUS X/4 PLUS X/2 (2)	20 10 11 70 71 79 99 98 96	CORRECT RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032683\$'20#10#11#70#71#79#99#98#96' Flags: SCR: 92 / CAR:F / CAT:SA COMMENT: ALGEBRA\KNOWING (T) (M12_03)	143- 144/C 2.0 / DEF: 97
93 (M12_04)	M032738	WHAT XY PLUS 1 MEAN (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: M032738\$'1#2#3#4#9#8#6' Flags: SCR: 93 / CAR:F / CAT:M4 COMMENT: ALGEBRA\KNOWING (T) (M12_04)	145 /C 1.0 / DEF: 7
94 (M12_05)	M032295	M BOYS AND N GIRLS IN A PARADE (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: M032295\$'1#2#3#4#9#8#6' Flags: SCR: 94 / CAR:F / CAT:M1 COMMENT: ALGEBRA\KNOWING (T) (M12_05)	146 /C 1.0 / DEF: 7
95 (M12_06)	M032331	DEGREES MINUTE HAND OF CLOCK TURNS (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: M032331\$'1#2#3#4#9#8#6' Flags: SCR: 95 / CAR:F / CAT:M2 COMMENT: GEOMETRY\APPLYING (T) (M12_06)	147 /C 1.0 / DEF: 7

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
101 (M12_12)	M032424	JO HAS 3 METAL BLOCKS TO WEIGH (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: M032424\$'1#2#3#4#9#8#6' Flags: SCR: 101 / CAR:F / CAT:M3 COMMENT: ALGEBRA\REASONING (T) (M12_12)	153 /C 1.0
102 (M12_13A)	M032681A	CAR PRODUCTION GRAPH/TIME CARS MADE (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032681A\$'10#70#79#99#98#96' Flags: SCR: 102 / CAR:F / CAT:SA COMMENT: DATA AND CHANCE\KNOWING (T) (M12_13A)	154- 155/C 2.0
103 (M12_13B)	M032681B	CAR PRODUCTION GRAPH/AVERAGE BY HOUR (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032681B\$'10#70#79#99#98#96' Flags: SCR: 103 / CAR:F / CAT:SA COMMENT: DATA AND CHANCE\APPLYING (T) (M12_13B)	156- 157/C 2.0
104 (M12_13C)	M032681C	CAR PRODUCTION GRAPH/IDENTIFY TIME (1)	10 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: M032681C\$'10#79#99#98#96' Flags: SCR: 104 / CAR:F / CAT:SA COMMENT: DATA AND CHANCE\APPLYING (T) (M12_13C)	158- 159/C 2.0
105 (M01F01)	MF12001	NUMBER OF SQUARES IN SHADED FRACTION (A)	1 2 3 4 5 9 8 6	A* B C D E omitted not admin. not reached VLD: MF12001\$'1#2#3#4#5#9#8#6' Flags: SCR: 105 / CAR:F / CAT:M1 COMMENT: NUMBER\USING CONCEPTS (T) (M01F01)	160 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
106 (M01F02)	MF12002	OBJECTS BALANCED ON SCALE (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: MF12002\$'1#2#3#4#9#8#6' Flags: SCR: 106 / CAR:F / CAT:M3 / DEF: 7 COMMENT: ALGEBRA\USING CONCEPTS (T) (M01F02)	161 /C 1.0
107 (M01F03)	MF12003	ACTUAL LENGTH OF BOX FROM ROUNDED ME (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: MF12003\$'1#2#3#4#9#8#6' Flags: SCR: 107 / CAR:F / CAT:M4 / DEF: 7 COMMENT: MEASUREMENT\KNOWING FACTS AND PROCEDURES (T) (M01F03)	162 /C 1.0
108 (M01F04)	MF12004	LAPS RUN BY CAROL AND ALICE FR RATIO (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: MF12004\$'1#2#3#4#9#8#6' Flags: SCR: 108 / CAR:F / CAT:M4 / DEF: 7 COMMENT: NUMBER\SOLVING ROUTINE PROBLEMS (T) (M01F04)	163 /C 1.0
109 (M01F05)	MF12005	FALSE STATEMENT OF CONGRUENT TRIANGLES (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: MF12005\$'1#2#3#4#9#8#6' Flags: SCR: 109 / CAR:F / CAT:M2 / DEF: 7 COMMENT: GEOMETRY\USING CONCEPTS (T) (M01F05)	164 /C 1.0
110 (M01F06)	MF12006	COMPARISON OF TWO AVERAGE SCORES (C)	1 2 3 4 5 9 8 6	A B C* D E omitted not admin. not reached VLD: MF12006\$'1#2#3#4#5#9#8#6' Flags: SCR: 110 / CAR:F / CAT:M3 / DEF: 7 COMMENT: DATA\USING CONCEPTS (T) (M01F06)	165 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
111 (M01F07)	MF12037	TEST SCORE FREQUENCY TABLE (B)	1 2 3 4 5 9 8 6	A B* C D E omitted not admin. not reached VLD: MF12037\$'1#2#3#4#5#9#8#6' Flags: SCR: 111 / CAR:F / CAT:M2 / DEF: 7 COMMENT: DATA\REASONING (T) (M01F07)	166 /C 1.0
112 (M01F08)	MF12038	LENGTH OF PIPE FROM METER SCALE (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: MF12038\$'1#2#3#4#9#8#6' Flags: SCR: 112 / CAR:F / CAT:M3 / DEF: 7 COMMENT: MEASUREMENT\KNOWING FACTS AND PROCEDURES (T) (M01F08)	167 /C 1.0
113 (M01F09)	MF12039	SUM OF ANGLES FR INTERSECTING LINES (C)	1 2 3 4 5 9 8 6	A B C* D E omitted not admin. not reached VLD: MF12039\$'1#2#3#4#5#9#8#6' Flags: SCR: 113 / CAR:F / CAT:M3 / DEF: 7 COMMENT: GEOMETRY\SOLVING ROUTINE PROBLEMS (T) (M01F09)	168 /C 1.0
114 (M01F10)	MF12040	FIND N FROM PROPORTIONALITY EQUATION (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: MF12040\$'1#2#3#4#9#8#6' Flags: SCR: 114 / CAR:F / CAT:M2 / DEF: 7 COMMENT: ALGEBRA\KNOWING FACTS AND PROCEDURES (T) (M01F10)	169 /C 1.0
115 (M01F11)	MF12041	FRACTION BIRTHD I FIRST HALF OF YEAR (D)	1 2 3 4 5 9 8 6	A B C D* E omitted not admin. not reached VLD: MF12041\$'1#2#3#4#5#9#8#6' Flags: SCR: 115 / CAR:F / CAT:M4 / DEF: 7 COMMENT: NUMBER\SOLVING ROUTINE PROBLEMS (T) (M01F11)	170 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
116 (M01F12)	MF12042	VALUE OF -3X GIVEN VALUE OF X (E)	1 2 3 4 5 9 8 6	A B C D E* omitted not admin. not reached VLD: MF12042\$'1#2#3#4#5#9#8#6' Flags: SCR: 116 / CAR:F / CAT:M5 / DEF: 7 COMMENT: ALGEBRA\KNOWING FACTS AND PROCEDURES (T) (M01F12)	171 /C 1.0
117 (M01F13)	MF32570	3/25 OF THE P IN THE AUDICE WAS CHIL (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: MF32570\$'1#2#3#4#9#8#6' Flags: SCR: 117 / CAR:F / CAT:M1 / DEF: 7 COMMENT: NUMBER\USING CONCEPTS (M01F13)	172 /C 1.0
118 (M01F14)	MF32643	IF N IS A NEGATIVE INTEGER (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: MF32643\$'1#2#3#4#9#8#6' Flags: SCR: 118 / CAR:F / CAT:M3 / DEF: 7 COMMENT: NUMBER\USING CONCEPTS (M01F14)	173 /C 1.0
119 (M01F15)	MF32693	THE ANGLE BY A REGULAR HEXAGON (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: MF32693\$'10#70#79#99#98#96' Flags: SCR: 119 / CAR:F / CAT:SA / DEF: 97 COMMENT: GEOMETRY\SOLVING ROUTINE PROBLEMS (M01F15)	174- 175/C 2.0
120 (M02F01)	MF12013	VOLUMES OF STACKS OF BLOCKS (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: MF12013\$'1#2#3#4#9#8#6' Flags: SCR: 120 / CAR:F / CAT:M1 / DEF: 7 COMMENT: MEASUREMENT\USING CONCEPTS (T) (M02F01)	176 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
121 (M02F02)	MF12014	PIE GRAPH OF CROP DISTRIBUTION (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: MF12014\$'1#2#3#4#9#8#6' Flags: SCR: 121 / CAR:F / CAT:M4 COMMENT: DATA\USING CONCEPTS (T) (M02F02)	177 /C 1.0 / DEF: 7
122 (M02F03)	MF12015	PROPERTY OF CONGRUENT TRAPEZOIDS (A)	1 2 3 4 5 9 8 6	A* B C D E omitted not admin. not reached VLD: MF12015\$'1#2#3#4#5#9#8#6' Flags: SCR: 122 / CAR:F / CAT:M1 COMMENT: GEOMETRY\REASONING (T) (M02F03)	178 /C 1.0 / DEF: 7
123 (M02F04)	MF12016	PAIR OF NUMBERS BRACKETING 2.25 (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: MF12016\$'1#2#3#4#9#8#6' Flags: SCR: 123 / CAR:F / CAT:M2 COMMENT: NUMBER\KNOWING FACTS AND PROCEDURES (T) (M02F04)	179 /C 1.0 / DEF: 7
124 (M02F05)	MF12017	NR OF MATCHSTICKS CONTINUING PATTERN (B)	1 2 3 4 5 9 8 6	A B* C D E omitted not admin. not reached VLD: MF12017\$'1#2#3#4#5#9#8#6' Flags: SCR: 124 / CAR:F / CAT:M2 COMMENT: ALGEBRA\REASONING (T) (M02F05)	180 /C 1.0 / DEF: 7
125 (M02F06)	MF22251	TOTL NUMBER OF BOOKS THREE BOYS HAVE (C)	1 2 3 4 5 9 8 6	A B C* D E omitted not admin. not reached VLD: MF22251\$'1#2#3#4#5#9#8#6' Flags: SCR: 125 / CAR:F / CAT:M3 COMMENT: ALGEBRA\USING CONCEPTS (T) (M02F06)	181 /C 1.0 / DEF: 7

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
126 (M02F07)	MF22185	SUBTRACT FRACTIONS INVOLVING X (E)	1 2 3 4 5 9 8 6	A B C D E* omitted not admin. not reached VLD: MF22185\$'1#2#3#4#5#9#8#6' Flags: SCR: 126 / CAR:F / CAT:M5 / DEF: 7 COMMENT: ALGEBRA\KNOWING FACTS AND PROCEDURES (T) (M02F07)	182 /C 1.0
127 (M02F08)	MF22188	WHICH IS LEAST AMOUNT OF TIME (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: MF22188\$'1#2#3#4#9#8#6' Flags: SCR: 127 / CAR:F / CAT:M2 / DEF: 7 COMMENT: MEASUREMENT\KNOWING FACTS AND PROCEDURES (T) (M02F08)	183 /C 1.0
128 (M02F09)	MF22189	HOW MANY PENCILS SOLD FROM BAR GRAPH (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: MF22189\$'1#2#3#4#9#8#6' Flags: SCR: 128 / CAR:F / CAT:M3 / DEF: 7 COMMENT: DATA\REASONING (T) (M02F09)	184 /C 1.0
129 (M02F10)	MF22191	NUMBER OF MEN/WOMEN AT MEETING (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: MF22191\$'1#2#3#4#9#8#6' Flags: SCR: 129 / CAR:F / CAT:M1 / DEF: 7 COMMENT: NUMBER\REASONING (T) (M02F10)	185 /C 1.0
130 (M02F11)	MF22194	APPROXIMATE NUMBER OF MAGAZINES SOLD (D)	1 2 3 4 5 9 8 6	A B C D* E omitted not admin. not reached VLD: MF22194\$'1#2#3#4#5#9#8#6' Flags: SCR: 130 / CAR:F / CAT:M4 / DEF: 7 COMMENT: NUMBER\SOLVING ROUTINE PROBLEMS (T) (M02F11)	186 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
131 (M02F12)	MF22196	TRUE EXPRESSION FOR VALUES OF L,K,M (A)	1 2 3 4 5 9 8 6	A* B C D E omitted not admin. not reached VLD: MF22196\$'1#2#3#4#5#9#8#6' Flags: SCR: 131 / CAR:F / CAT:M1 / DEF: 7 COMMENT: ALGEBRA\KNOWING FACTS AND PROCEDURES (T) (M02F12)	187 /C 1.0
132 (M02F13)	MF22198	DECIMALS ORDERED GREATEST TO LEAST (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: MF22198\$'1#2#3#4#9#8#6' Flags: SCR: 132 / CAR:F / CAT:M4 / DEF: 7 COMMENT: NUMBER\USING CONCEPTS (T) (M02F13)	188 /C 1.0
133 (M02F14)	MF22199	ADDITION/MULTIPLICATI WITH FRACTIONS (E)	1 2 3 4 5 9 8 6	A B C D E* omitted not admin. not reached VLD: MF22199\$'1#2#3#4#5#9#8#6' Flags: SCR: 133 / CAR:F / CAT:M5 / DEF: 7 COMMENT: NUMBER\KNOWING FACTS AND PROCEDURES (T) (M02F14)	189 /C 1.0
134 (M02F15)	MF22202	MEASURE OF ANGLE IN ADJACENT ANGLES (1)	10 70 71 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: MF22202\$'10#70#71#79#99#98#96' Flags: SCR: 134 / CAR:F / CAT:SA / DEF: 97 COMMENT: GEOMETRY\REASONING (T) (M02F15)	190- 191/C 2.0
135 (M13F01)	MF32609	THE CLOSEST 11 SQUARE PLUS 9 SQUARED (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: MF32609\$'1#2#3#4#9#8#6' Flags: SCR: 135 / CAR:F / CAT:M4 / DEF: 7 COMMENT: NUMBER\KNOWING FACTS AND PROCEDURES (M13F01)	192 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
136 (M13F02)	MF32690	WHICH EQU 370 TIM 998 PLUS 370 TIM 2 (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: MF32690\$'1#2#3#4#9#8#6' Flags: SCR: 136 / CAR:F / CAT:M1 / DEF: 7 COMMENT: NUMBER\KNOWING FACTS AND PROCEDURES (M13F02)	193 /C 1.0
137 (M13F03)	MF32727	THREE BROTHERS RECEIVE 45000 ZEDS (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: MF32727\$'1#2#3#4#9#8#6' Flags: SCR: 137 / CAR:F / CAT:M4 / DEF: 7 COMMENT: NUMBER\SOLVING ROUTINE PROBLEMS (M13F03)	194 /C 1.0
138 (M13F04)	MF32743	GEO TILING_MAKES SYMMETRICAL PATTERN (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: MF32743\$'10#70#79#99#98#96' Flags: SCR: 138 / CAR:F / CAT:SA / DEF: 97 COMMENT: GEOMETRY\USING CONCEPTS (M13F04)	195- 196/C 2.0
139 (M13F05)	MF32744	GEO TILING_IDENTIFY CELL WITH LETTER (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: MF32744\$'10#70#79#99#98#96' Flags: SCR: 139 / CAR:F / CAT:SA / DEF: 97 COMMENT: ALGEBRA\USING CONCEPTS (M13F05)	197- 198/C 2.0
140 (M13F06)	MF32745	GEO TILING_PRODUCE PATTERN USE LETTE (2)	20 10 70 79 99 98 96	CORRECT RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: MF32745\$'20#10#70#79#99#98#96' Flags: SCR: 140 / CAR:F / CAT:SA / DEF: 97 COMMENT: GEOMETRY\REASONING (M13F06)	199- 200/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
141 (M13F07)	MF32233	A COMPUTER CLUB HAD 40 MEMBERS (2)	20 10 11 12 70 79 99 98 96	CORRECT RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: MF32233\$'20#10#11#12#70#79#99#98#96' Flags: SCR: 141 / CAR:F / CAT:SA / DEF: 97 COMMENT: NUMBER\REASONING (M13F07)	201- 202/C 2.0
142 (M13F08)	MF32670	THE NUMBER CLOSEST TO 10 (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: MF32670\$'1#2#3#4#9#8#6' Flags: SCR: 142 / CAR:F / CAT:M2 / DEF: 7 COMMENT: NUMBER\USING CONCEPTS (M13F08)	203 /C 1.0
143 (M13F09)	MF32447	THE RATIO OF THE SHADED AREA UNSHADE (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: MF32447\$'1#2#3#4#9#8#6' Flags: SCR: 143 / CAR:F / CAT:M1 / DEF: 7 COMMENT: NUMBER\KNOWING FACTS AND PROCEDURES (M13F09)	204 /C 1.0
144 (M13F10)	MF32036	WHICH EQUA 2X MIN 3X PLUS 7X PLUS 5Y (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: MF32036\$'1#2#3#4#9#8#6' Flags: SCR: 144 / CAR:F / CAT:M3 / DEF: 7 COMMENT: ALGEBRA\KNOWING FACTS AND PROCEDURES (M13F10)	205 /C 1.0
145 (M13F11)	MF32728	X PLUS 3Y EQ 11 AND 2X PLUS 3Y EQ 13 (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: MF32728\$'1#2#3#4#9#8#6' Flags: SCR: 145 / CAR:F / CAT:M1 / DEF: 7 COMMENT: ALGEBRA\KNOWING FACTS AND PROCEDURES (M13F11)	206 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
146 (M13F12)	MF32732	MEASURE OF THE AREA OF A TRIANGLE (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: MF32732\$'1#2#3#4#9#8#6' Flags: SCR: 146 / CAR:F / CAT:M3 / DEF: 7 COMMENT: MEASUREMENT\KNOWING FACTS AND PROCEDURES (M13F12)	207 /C 1.0
147 (M14F01)	MF32166	BEST ESTIMATE OF (7.21X3.86)/10.09 (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: MF32166\$'1#2#3#4#9#8#6' Flags: SCR: 147 / CAR:F / CAT:M2 / DEF: 7 COMMENT: NUMBER\KNOWING (T) (M14F01)	208 /C 1.0
148 (M14F02)	MF32721	SALES OF TWO TYPES OF SOFT DRINK (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: MF32721\$'1#2#3#4#9#8#6' Flags: SCR: 148 / CAR:F / CAT:M2 / DEF: 7 COMMENT: DATA AND CHANCE\REASONING (T) (M14F02)	209 /C 1.0
149 (M14F03)	MF32757	RED/BLACK TILES_COMPLETE TABLE (2)	20 10 70 79 99 98 96	CORRECT RESPONSE PARTIALLY CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: MF32757\$'20#10#70#79#99#98#96' Flags: SCR: 149 / CAR:F / CAT:SA / DEF: 97 COMMENT: ALGEBRA\REASONING (T) (M14F03)	210- 211/C 2.0
150 (M14F04A)	MF32760A	RED/BLACK TILES_SHAPE WITH 64 TILES (2)	20 10 11 79 99 98 96	CORRECT RESPONSE PARTIALLY CORRECT RESPONSE PARTIALLY CORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: MF32760A\$'20#10#11#79#99#98#96' Flags: SCR: 150 / CAR:F / CAT:SA / DEF: 97 COMMENT: ALGEBRA\REASONING (T) (M14F04A)	212- 213/C 2.0

Var. No.	Question	Variable Name	Label	Code	Option	Location/Format
156	(M14F08)	MF32595	THE PERCENTAGE OF CAPS FOR SALE (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: MF32595\$'1#2#3#4#9#8#6' Flags: SCR: 156 / CAR:F / CAT:M3 COMMENT: NUMBER\APPLYING (T) (M14F08)	223 /C 1.0
157	(M14F09)	MF32673	IF T IS A NUMBER BETWEEN 6 AND 9 (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: MF32673\$'1#2#3#4#9#8#6' Flags: SCR: 157 / CAR:F / CAT:M3 COMMENT: ALGEBRA\KNOWING (T) (M14F09)	224 /C 1.0
158	(S01_01)	S012025	PARTICLES IN NUCLEUS OF ATOM (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S012025\$'1#2#3#4#9#8#6' Flags: SCR: 158 / CAR:F / CAT:M2 COMMENT: CHEMISTRY\FACTUAL KNOWLEDGE (T) (S01_01)	225 /C 1.0
159	(S01_02)	S012026	SON INHERITS TRAITS (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S012026\$'1#2#3#4#9#8#6' Flags: SCR: 159 / CAR:F / CAT:M3 COMMENT: LIFE SCIENCE\CONCEPTUAL UNDERSTANDING (T) (S01_02)	226 /C 1.0
160	(S01_03)	S012027	TIME/TEMPERATURE TABLE (D)	1 2 3 4 5 9 8 6	A B C D* E omitted not admin. not reached VLD: S012027\$'1#2#3#4#5#9#8#6' Flags: SCR: 160 / CAR:F / CAT:M4 COMMENT: EARTH SCIENCE\REASONING AND ANALYSIS (T) (S01_03)	227 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
161 (S01_04)	S012028	CHARACTERISTICS OF ANIMAL GROUPS (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: S012028\$'1#2#3#4#9#8#6' Flags: SCR: 161 / CAR:F / CAT:M1 / DEF: 7 COMMENT: LIFE SCIENCE\CONCEPTUAL UNDERSTANDING (T) (S01_04)	228 /C 1.0
162 (S01_05)	S012029	SHADOW SIZE FROM DISTANCE DIAGRAM (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: S012029\$'1#2#3#4#9#8#6' Flags: SCR: 162 / CAR:F / CAT:M4 / DEF: 7 COMMENT: PHYSICS\REASONING AND ANALYSIS (T) (S01_05)	229 /C 1.0
163 (S01_06)	S012030	STONE IN UNDERGROUND CAVES (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S012030\$'1#2#3#4#9#8#6' Flags: SCR: 163 / CAR:F / CAT:M2 / DEF: 7 COMMENT: EARTH SCIENCE\FACTUAL KNOWLEDGE (T) (S01_06)	230 /C 1.0
164 (S01_07)	S022035	POLES ON CUT MAGNET (1)	10 70 71 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S022035\$'10#70#71#79#99#98#96' Flags: SCR: 164 / CAR:F / CAT:SA / DEF: 97 COMMENT: PHYSICS\CONCEPTUAL UNDERSTANDING (T) (S01_07)	231- 232/C 2.0
165 (S01_08)	S022225	THERMOMETER SCALE FOR BOILING WATER (D)	1 2 3 4 5 9 8 6	A B C D* E omitted not admin. not reached VLD: S022225\$'1#2#3#4#5#9#8#6' Flags: SCR: 165 / CAR:F / CAT:M4 / DEF: 7 COMMENT: PHYSICS\REASONING AND ANALYSIS (T) (S01_08)	233 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
166 (S01_09)	S022117	BIOLOGICAL CONTROL INSECT POPULATION (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S022117\$'1#2#3#4#9#8#6' Flags: SCR: 166 / CAR:F / CAT:M2 / DEF: 7 COMMENT: LIFE SCIENCE\CONCEPTUAL UNDERSTANDING (T) (S01_09)	234 /C 1.0
167 (S01_10)	S022235	PLANT GROWTH EXPERIMENT (E)	1 2 3 4 5 9 8 6	A B C D E* omitted not admin. not reached VLD: S022235\$'1#2#3#4#5#9#8#6' Flags: SCR: 167 / CAR:F / CAT:M5 / DEF: 7 COMMENT: LIFE SCIENCE\REASONING AND ANALYSIS (T) (S01_10)	235 /C 1.0
168 (S01_11)	S022188	REACTIONS RELEASING ENERGY (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S022188\$'1#2#3#4#9#8#6' Flags: SCR: 168 / CAR:F / CAT:M3 / DEF: 7 COMMENT: CHEMISTRY\CONCEPTUAL UNDERSTANDING (T) (S01_11)	236 /C 1.0
169 (S01_12)	S022074	FOSSIL FUELS (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S022074\$'1#2#3#4#9#8#6' Flags: SCR: 169 / CAR:F / CAT:M2 / DEF: 7 COMMENT: EARTH SCIENCE\FACTUAL KNOWLEDGE (T) (S01_12)	237 /C 1.0
170 (S01_13)	S022240	MAIN CAUSE OF ACID RAIN (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S022240\$'1#2#3#4#9#8#6' Flags: SCR: 170 / CAR:F / CAT:M3 / DEF: 7 COMMENT: ENVIRONMENTAL SCIENCE\FACTUAL KNOWLEDGE (T) (S01_13)	238 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
171 (S01_14)	S022206	REACTION OF CHLORINE AND SODIUM (B)	1 2 3 4 5 9 8 6	A B* C D E omitted not admin. not reached VLD: S022206\$'1#2#3#4#5#9#8#6' Flags: SCR: 171 / CAR:F / CAT:M2 / DEF: 7 COMMENT: CHEMISTRY\FACTUAL KNOWLEDGE (T) (S01_14)	239 /C 1.0
172 (S01_15)	S022160	ADVANTAGE OF HAVING TWO EARS (1)	10 11 12 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S022160\$'10#11#12#19#70#71#79#99#98#96' Flags: SCR: 172 / CAR:F / CAT:SA / DEF: 97 COMMENT: LIFE SCIENCE\CONCEPTUAL UNDERSTANDING (T) (S01_15)	240- 241/C 2.0
173 (S01_16)	S022058	ANGLE OF REFLECTED LIGHT RAY (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S022058\$'1#2#3#4#9#8#6' Flags: SCR: 173 / CAR:F / CAT:M2 / DEF: 7 COMMENT: PHYSICS\CONCEPTUAL UNDERSTANDING (T) (S01_16)	242 /C 1.0
174 (S05_01)	S022183	GAS NEEDED FOR RUST TO FORM (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S022183\$'1#2#3#4#9#8#6' Flags: SCR: 174 / CAR:F / CAT:M2 / DEF: 7 COMMENT: CHEMISTRY\KNOWING (T) (S05_01)	243 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
180 (S05_07)	S022294	ENERGY FOR EARTHS WATER CYCLE (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S022294\$'1#2#3#4#9#8#6' Flags: SCR: 180 / CAR:F / CAT:M2 COMMENT: EARTH SCIENCE\KNOWING (T) (S05_07)	250 /C 1.0 / DEF: 7
181 (S05_08)	S022106	ANIMAL ON EARTH LONGEST TIME (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S022106\$'1#2#3#4#9#8#6' Flags: SCR: 181 / CAR:F / CAT:M3 COMMENT: BIOLOGY\KNOWING (T) (S05_08)	251 /C 1.0 / DEF: 7
182 (S05_09)	S022244	ACID RAIN FROM SULFUR DIOXIDE (1)	10 11 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S022244\$'10#11#19#70#79#99#98#96' Flags: SCR: 182 / CAR:F / CAT:SA COMMENT: EARTH SCIENCE\REASONING (T) (S05_09)	252- 253/C 2.0 / DEF: 97
183 (S05_10)	S022150	ORGANIZATION IN LIVING THINGS (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: S022150\$'1#2#3#4#9#8#6' Flags: SCR: 183 / CAR:F / CAT:M1 COMMENT: BIOLOGY\APPLYING (T) (S05_10)	254 /C 1.0 / DEF: 7
184 (S05_11)	S022042	GRAPH INTERPRETATION OF BICYCLE RIDE (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S022042\$'1#2#3#4#9#8#6' Flags: SCR: 184 / CAR:F / CAT:M2 COMMENT: PHYSICS\REASONING (T) (S05_11)	255 /C 1.0 / DEF: 7

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
185 (S05_12)	S022289	HEART RATE INCREASING WITH EXERCISE (2)	20 29 10 11 12 19 70 79 99 98 96	CORRECT RESP CORRECT RESP PARTIAL RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESP INCORRECT RESP omitted not admin. not reached VLD: S022289\$'20#29#10#11#12#19#70#79#99#98#96' Flags: SCR: 185 / CAR:F / CAT:SA / DEF: 97 COMMENT: BIOLOGY\REASONING (T) (S05_12)	256- 257/C 2.0
186 (S05_13)	S022069	TEMPERATURE OF BOILING WATER (1)	10 70 71 72 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S022069\$'10#70#71#72#79#99#98#96' Flags: SCR: 186 / CAR:F / CAT:SA / DEF: 97 COMMENT: PHYSICS\APPLYING (T) (S05_13)	258- 259/C 2.0
187 (S05_14)	S022268	FREEZING SALT WATER EXPERIMENT (1)	10 11 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S022268\$'10#11#19#70#71#79#99#98#96' Flags: SCR: 187 / CAR:F / CAT:SA / DEF: 97 COMMENT: PHYSICS\REASONING (T) (S05_14)	260- 261/C 2.0
188 (S06_01)	S022290	EARTH YEAR (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: S022290\$'1#2#3#4#9#8#6' Flags: SCR: 188 / CAR:F / CAT:M4 / DEF: 7 COMMENT: EARTH SCIENCE\KNOWING (T) (S06_01)	262 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
189 (S06_02)	S022292	WATER LEVEL IN U-TUBE (1)	10 70 71 72 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S022292\$'10#70#71#72#79#99#98#96' Flags: SCR: 189 / CAR:F / CAT:SA / DEF: 97 COMMENT: PHYSICS\REASONING (T) (S06_02)	263- 264/C 2.0
190 (S06_03)	S022054	EXPANSION IN THERMOMETER (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: S022054\$'1#2#3#4#9#8#6' Flags: SCR: 190 / CAR:F / CAT:M4 / DEF: 7 COMMENT: PHYSICS\APPLYING (T) (S06_03)	265 /C 1.0
191 (S06_04)	S022181	SUGAR DISSOLVING IN WATER (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S022181\$'1#2#3#4#9#8#6' Flags: SCR: 191 / CAR:F / CAT:M2 / DEF: 7 COMMENT: CHEMISTRY\KNOWING (T) (S06_04)	266 /C 1.0
192 (S06_05)	S022208	NOT A CHEMICAL CHANGE (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: S022208\$'1#2#3#4#9#8#6' Flags: SCR: 192 / CAR:F / CAT:M1 / DEF: 7 COMMENT: CHEMISTRY\KNOWING (T) (S06_05)	267 /C 1.0
193 (S06_06)	S022078	LIGHT FROM SUN AND MOON (1)	10 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S022078\$'10#19#70#71#79#99#98#96' Flags: SCR: 193 / CAR:F / CAT:SA / DEF: 97 COMMENT: EARTH SCIENCE\APPLYING (T) (S06_06)	268- 269/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
194 (S06_07)	S022126	FUNCTION OF CHLOROPHYLL (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: S022126\$'1#2#3#4#9#8#6' Flags: SCR: 194 / CAR:F / CAT:M1 COMMENT: BIOLOGY\KNOWING (T) (S06_07)	270 /C 1.0
195 (S06_08)	S022281	MASS OF FREEZING WATER (1)	10 11 12 19 70 71 72 79 99 98 96	CORRECT RESP CORRECT RESP CORRECT RESP CORRECT RESP INCORRECT RESP INCORRECT RESP INCORRECT RESP INCORRECT RESP omitted not admin. not reached VLD: S022281\$'10#11#12#19#70#71#72#79#99#98#96' Flags: SCR: 195 / CAR:F / CAT:SA COMMENT: PHYSICS\APPLYING (T) (S06_08)	271- 272/C 2.0
196 (S06_09)	S032385	CHARACTERISTIC FOUND ONLY IN MAMMALS (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S032385\$'1#2#3#4#9#8#6' Flags: SCR: 196 / CAR:F / CAT:M2 COMMENT: BIOLOGY\KNOWING (T) (S06_09)	273 /C 1.0
197 (S06_10)	S032035	WHETHER TWO PEOPLE ARE RELATED (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S032035\$'1#2#3#4#9#8#6' Flags: SCR: 197 / CAR:F / CAT:M3 COMMENT: BIOLOGY\KNOWING (T) (S06_10)	274 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
198 (S06_11)	S032519	EFFECT OF DAM ON WILDLIFE (1)	10 11 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032519\$'10#11#19#70#71#79#99#98#96' Flags: SCR: 198 / CAR:F / CAT:SA / DEF: 97 COMMENT: EARTH SCIENCE\KNOWING (T) (S06_11)	275- 276/C 2.0
199 (S06_12)	S032683	MATERIALS SORTED INTO TWO GROUPS (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: S032683\$'1#2#3#4#9#8#6' Flags: SCR: 199 / CAR:F / CAT:M4 / DEF: 7 COMMENT: CHEMISTRY\APPLYING (T) (S06_12)	277 /C 1.0
200 (S06_13)	S032258	GALL BLADDER STORES BILE (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S032258\$'1#2#3#4#9#8#6' Flags: SCR: 200 / CAR:F / CAT:M3 / DEF: 7 COMMENT: BIOLOGY\KNOWING (T) (S06_13)	278 /C 1.0
201 (S06_14A)	S032120A	OIL SPILLS (1)	10 11 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032120A\$'10#11#19#70#79#99#98#96' Flags: SCR: 201 / CAR:F / CAT:SA / DEF: 97 COMMENT: EARTH SCIENCE\APPLYING (T) (S06_14A)	279- 280/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
202 (S06_14B)	S032120B	GLOBAL WARMING (1)	10 11 12 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032120B\$'10#11#12#19#70#71#79#99#98#96' Flags: SCR: 202 / CAR:F / CAT:SA / DEF: 97 COMMENT: EARTH SCIENCE\APPLYING (T) (S06_14B)	281- 282/C 2.0
203 (S09_01)	S032607	FISH ORGAN LIKE HUMAN LUNG (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S032607\$'1#2#3#4#9#8#6' Flags: SCR: 203 / CAR:F / CAT:M3 / DEF: 7 COMMENT: LIFE SCIENCE\FACTUAL KNOWLEDGE (S09_01)	283 /C 1.0
204 (S09_02)	S032063	DRINKING WATER FROM SEA WATER (2)	20 29 10 11 19 70 71 79 99 98 96	CORRECT RESP CORRECT RESP PARTIAL RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESP INCORRECT RESP INCORRECT RESP omitted not admin. not reached VLD: S032063\$'20#29#10#11#19#70#71#79#99#98#96' Flags: SCR: 204 / CAR:F / CAT:SA / DEF: 97 COMMENT: ENVIRONMENTAL SCIENCE\REASONING AND ANALYSIS (S09_02)	284- 285/C 2.0
205 (S09_03)	S032206	PHOTOSYNTHESIS EXPERIMENT (1)	10 11 12 19 70 71 72 73 79 99 98 96	CORRECT RESP CORRECT RESP CORRECT RESP CORRECT RESP INCORRECT RESP INCORRECT RESP INCORRECT RESP INCORRECT RESP INCORRECT RESP omitted not admin. not reached VLD: S032206\$'10#11#12#19#70#71#72#73#79#99#98#96' Flags: SCR: 205 / CAR:F / CAT:SA / DEF: 97 COMMENT: LIFE SCIENCE\REASONING AND ANALYSIS (S09_03)	286- 287/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
206 (S09_04)	S032008	FERTILIZATION IN ANIMALS (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S032008\$'1#2#3#4#9#8#6' Flags: SCR: 206 / CAR:F / CAT:M2 / DEF: 7 COMMENT: LIFE SCIENCE\FACTUAL KNOWLEDGE (S09_04)	288 /C 1.0
207 (S09_05)	S032083	FOSSILS IN SEDIMENTARY ROCK (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: S032083\$'1#2#3#4#9#8#6' Flags: SCR: 207 / CAR:F / CAT:M1 / DEF: 7 COMMENT: LIFE SCIENCE\CONCEPTUAL UNDERSTANDING (S09_05)	289 /C 1.0
208 (S09_06)	S032564	SOLUTION HALF AS CONCENTRATED (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S032564\$'1#2#3#4#9#8#6' Flags: SCR: 208 / CAR:F / CAT:M2 / DEF: 7 COMMENT: CHEMISTRY\CONCEPTUAL UNDERSTANDING (S09_06)	290 /C 1.0
209 (S09_07)	S032057	LITMUS TEST (1)	10 11 12 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032057\$'10#11#12#19#70#79#99#98#96' Flags: SCR: 209 / CAR:F / CAT:SA / DEF: 97 COMMENT: CHEMISTRY\CONCEPTUAL UNDERSTANDING (S09_07)	291- 292/C 2.0
210 (S09_08)	S032055	WET TOWEL DRIES IN THE SUN (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: S032055\$'1#2#3#4#9#8#6' Flags: SCR: 210 / CAR:F / CAT:M4 / DEF: 7 COMMENT: PHYSICS\FACTUAL KNOWLEDGE (S09_08)	293 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
211 (S09_09)	S032626	LIGHTNING SEEN BEFORE THUNDER HEARD (1)	10 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032626\$'10#19#70#71#79#99#98#96' Flags: SCR: 211 / CAR:F / CAT:SA / DEF: 97 COMMENT: PHYSICS\CONCEPTUAL UNDERSTANDING (S09_09)	294- 295/C 2.0
212 (S09_10)	S032281	WHY HELIUM BALLOON MOVES UPWARD (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: S032281\$'1#2#3#4#9#8#6' Flags: SCR: 212 / CAR:F / CAT:M1 / DEF: 7 COMMENT: PHYSICS\CONCEPTUAL UNDERSTANDING (S09_10)	296 /C 1.0
213 (S09_11)	S032150	SUN IS AN EXAMPLE OF A STAR (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: S032150\$'1#2#3#4#9#8#6' Flags: SCR: 213 / CAR:F / CAT:M4 / DEF: 7 COMMENT: EARTH SCIENCE\FACTUAL KNOWLEDGE (S09_11)	297 /C 1.0
214 (S09_12)	S032301	THE SURFACE TEM OF VENUS AND MERCURY (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S032301\$'1#2#3#4#9#8#6' Flags: SCR: 214 / CAR:F / CAT:M2 / DEF: 7 COMMENT: EARTH SCIENCE\REASONING AND ANALYSIS (S09_12)	298 /C 1.0
215 (S09_13)	S032446	ACTIVITY TO REDUCE AIR POLLU IN CITY (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S032446\$'1#2#3#4#9#8#6' Flags: SCR: 215 / CAR:F / CAT:M3 / DEF: 7 COMMENT: ENVIRONMENTAL SCIENCE\FACTUAL KNOWLEDGE (S09_13)	299 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
216 (S10_01)	S032637	LEAFY VEGETABLE IMP FOR HUMAN HEALTH (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S032637\$'1#2#3#4#9#8#6' Flags: SCR: 216 / CAR:F / CAT:M3 / DEF: 7 COMMENT: LIFE SCIENCE\FACTUAL KNOWLEDGE (S10_01)	300 /C 1.0
217 (S10_02)	S032386	ABSORPTION OF FOOD INTO BLOOD STREAM (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: S032386\$'1#2#3#4#9#8#6' Flags: SCR: 217 / CAR:F / CAT:M4 / DEF: 7 COMMENT: LIFE SCIENCE\FACTUAL KNOWLEDGE (S10_02)	301 /C 1.0
218 (S10_03)	S032682	ELEMENTS MAKE UP ANIMALS AND PLANTS (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S032682\$'1#2#3#4#9#8#6' Flags: SCR: 218 / CAR:F / CAT:M3 / DEF: 7 COMMENT: LIFE SCIENCE\FACTUAL KNOWLEDGE (S10_03)	302 /C 1.0
219 (S10_04)	S032652	MAP OF WORLD WITH LINES OF LATITUDE (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: S032652\$'1#2#3#4#9#8#6' Flags: SCR: 219 / CAR:F / CAT:M1 / DEF: 7 COMMENT: EARTH SCIENCE\REASONING AND ANALYSIS (S10_04)	303 /C 1.0
220 (S10_05)	S032437	WHY THE MOON CHANGES SHAPE (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S032437\$'1#2#3#4#9#8#6' Flags: SCR: 220 / CAR:F / CAT:M3 / DEF: 7 COMMENT: EARTH SCIENCE\CONCEPTUAL UNDERSTANDING (S10_05)	304 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
221 (S10_06)	S032242	RENEWABLE ENERGY SOURCE (1)	10 11 12 19 70 71 79 99 98 96	CORRECT RESP CORRECT RESP CORRECT RESP CORRECT RESP INCORRECT RESP INCORRECT RESP INCORRECT RESP omitted not admin. not reached VLD: S032242\$'10#11#12#19#70#71#79#99#98#96' Flags: SCR: 221 / CAR:F / CAT:SA / DEF: 97 COMMENT: ENVIRONMENTAL SCIENCE\CONCEPTUAL UNDERSTANDING	305- 306/C 2.0
(S10_06)					
222 (S10_07)	S032709	METAL CROWN_ DENSITY OF METAL BLOCK (1)	10 11 70 71 72 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032709\$'10#11#70#71#72#79#99#98#96' Flags: SCR: 222 / CAR:F / CAT:SA / DEF: 97 COMMENT: CHEMISTRY\CONCEPTUAL UNDERSTANDING (S10_07)	307- 308/C 2.0
223 (S10_08)	S032711	METAL CROWN_ PROCEDUR FIND VOL CROWN (2)	20 21 29 10 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032711\$'20#21#29#10#19#70#79#99#98#96' Flags: SCR: 223 / CAR:F / CAT:SA / DEF: 97 COMMENT: PHYSICS\REASONING AND ANALYSIS (S10_08)	309- 310/C 2.0
224 (S10_09A)	S032712A	METAL CROWN_ WHY SCIEN REPEATED MEAS (1)	10 11 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032712A\$'10#11#19#70#71#79#99#98#96' Flags: SCR: 224 / CAR:F / CAT:SA / DEF: 97 COMMENT: PHYSICS\CONCEPTUAL UNDERSTANDING (S10_09A)	311- 312/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
225 (S10_09B)	S032712B	METAL CROWN_ DETERM AVERA/MEDIAN VAL (1)	10 11 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032712B\$'10#11#19#70#71#79#99#98#96' Flags: SCR: 225 / CAR:F / CAT:SA / DEF: 97 COMMENT: PHYSICS\CONCEPTUAL UNDERSTANDING (S10_09B)	313- 314/C 2.0
226 (S10_10A)	S032713A	METAL CROWN_ WHAT METAL BLOCK MADE (1)	10 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032713A\$'10#19#70#71#79#99#98#96' Flags: SCR: 226 / CAR:F / CAT:SA / DEF: 97 COMMENT: CHEMISTRY\REASONING AND ANALYSIS (S10_10A)	315- 316/C 2.0
227 (S10_10B)	S032713B	METAL CROWN_ WHAT CROWN WAS MADE OF (1)	10 19 70 71 72 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032713B\$'10#19#70#71#72#79#99#98#96' Flags: SCR: 227 / CAR:F / CAT:SA / DEF: 97 COMMENT: CHEMISTRY\REASONING AND ANALYSIS (S10_10B)	317- 318/C 2.0
228 (S11_01)	S032465	CELLS THAT DESTROY BACTERIA (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: S032465\$'1#2#3#4#9#8#6' Flags: SCR: 228 / CAR:F / CAT:M1 / DEF: 7 COMMENT: BIOLOGY\KNOWING (T) (S11_01)	319 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
229 (S11_02)	S032315	ANTELOPE POPULATION GRAPH (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: S032315\$'1#2#3#4#9#8#6' Flags: SCR: 229 / CAR:F / CAT:M4 COMMENT: BIOLOGY\REASONING (T) (S11_02)	320 /C 1.0
230 (S11_03)	S032306	EYES REACT TO CHANGES (2)	20 29 10 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032306\$'20#29#10#19#70#79#99#98#96' Flags: SCR: 230 / CAR:F / CAT:SA COMMENT: BIOLOGY\APPLYING (T) (S11_03)	321- 322/C 2.0
231 (S11_04)	S032640	EXERCISE IS IMPORTANT FOR HEALTH (1)	10 11 12 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032640\$'10#11#12#19#70#79#99#98#96' Flags: SCR: 231 / CAR:F / CAT:SA COMMENT: BIOLOGY\KNOWING (T) (S11_04)	323- 324/C 2.0
232 (S11_05)	S032579	DIAGRAM FOR STRUCTURE OF MATTER (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S032579\$'1#2#3#4#9#8#6' Flags: SCR: 232 / CAR:F / CAT:M2 COMMENT: CHEMISTRY\APPLYING (T) (S11_05)	325 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
233 (S11_06)	S032570	IDENTIFY IF SUBSTANCE IS METAL (1)	10 11 12 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032570\$'10#11#12#19#70#79#99#98#96' Flags: SCR: 233 / CAR:F / CAT:SA / DEF: 97 COMMENT: CHEMISTRY\APPLYING (T) (S11_06)	326- 327/C 2.0
234 (S11_07)	S032024	ENERGY CONVERSION IN A FLASHLIGHT (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S032024\$'1#2#3#4#9#8#6' Flags: SCR: 234 / CAR:F / CAT:M3 / DEF: 7 COMMENT: PHYSICS\KNOWING (T) (S11_07)	328 /C 1.0
235 (S11_08)	S032272	WATER LEVEL IN HEATED CONTAINER (1)	10 19 70 71 72 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032272\$'10#19#70#71#72#79#99#98#96' Flags: SCR: 235 / CAR:F / CAT:SA / DEF: 97 COMMENT: PHYSICS\REASONING (T) (S11_08)	329- 330/C 2.0
236 (S11_09)	S032141	GRAVITY ACTING ON PARACHUTE JUMPER (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: S032141\$'1#2#3#4#9#8#6' Flags: SCR: 236 / CAR:F / CAT:M4 / DEF: 7 COMMENT: PHYSICS\APPLYING (T) (S11_09)	331 /C 1.0
237 (S11_10)	S032060	ORDER OF STEPS IN THE WATER CYCLE (1)	10 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032060\$'10#79#99#98#96' Flags: SCR: 237 / CAR:F / CAT:SA / DEF: 97 COMMENT: EARTH SCIENCE\APPLYING (T) (S11_10)	332- 333/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
238 (S11_11)	S032463	SOIL CHANGE DUE TO NATURAL CAUSES (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: S032463\$'1#2#3#4#9#8#6' Flags: SCR: 238 / CAR:F / CAT:M4 / DEF: 7 COMMENT: EARTH SCIENCE\KNOWING (T) (S11_11)	334 /C 1.0
239 (S11_12A)	S032650A	CHANGES AT HIGH ELEVATIONS (1)	10 11 12 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032650A\$'10#11#12#19#70#71#79#99#98#96' Flags: SCR: 239 / CAR:F / CAT:SA / DEF: 97 COMMENT: EARTH SCIENCE\APPLYING (T) (S11_12A)	335- 336/C 2.0
240 (S11_12B)	S032650B	CHANGES AT HIGH ELEVATIONS (1)	10 11 12 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032650B\$'10#11#12#19#70#71#79#99#98#96' Flags: SCR: 240 / CAR:F / CAT:SA / DEF: 97 COMMENT: EARTH SCIENCE\APPLYING (T) (S11_12B)	337- 338/C 2.0
241 (S11_12D)	S032650D	CHANGES AT HIGH ELEVATIONS (2)	10 20 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE PARTIALLY CORRECT RESPONSE omitted not admin. not reached VLD: S032650D\$'10#20#70#79#99#98#96' Flags: SCR: 241 / CAR:F / CAT:DPC_D / DEF: 97 COMMENT: EARTH SCIENCE\APPLYING (T) (S11_12D)	339- 340/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
242 (S11_13)	S032514	GROWTH OF ALGAE IN A LAKE (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S032514\$'1#2#3#4#9#8#6' Flags: SCR: 242 / CAR:F / CAT:M3 COMMENT: BIOLOGY\KNOWING (T) (S11_13)	341 /C 1.0
243 (S12_01)	S032611	PURPOSE OF CELLULAR RESPIRATION (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: S032611\$'1#2#3#4#9#8#6' Flags: SCR: 243 / CAR:F / CAT:M1 COMMENT: BIOLOGY\KNOWING (T) (S12_01)	342 /C 1.0
244 (S12_02)	S032614	NUMBER OF KIDNEYS SON HAS AT BIRTH (1)	10 11 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032614\$'10#11#19#70#71#79#99#98#96' Flags: SCR: 244 / CAR:F / CAT:SA COMMENT: BIOLOGY\KNOWING (T) (S12_02)	343- 344/C 2.0
245 (S12_03)	S032451	DIFFERENCE IN SHELL COLORS OF SNAILS (2)	20 21 29 10 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032451\$'20#21#29#10#19#70#79#99#98#96' Flags: SCR: 245 / CAR:F / CAT:SA COMMENT: BIOLOGY\APPLYING (T) (S12_03)	345- 346/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
251 (S12_09)	S032369	SOUND FROM ELECTRIC BELL INSIDE JAR (2)	20 29 10 11 19 70 71 79 99 98 96	CORRECT RESP CORRECT RESP PARTIAL RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESP INCORRECT RESP INCORRECT RESP omitted not admin. not reached VLD: S032369\$'20#29#10#11#19#70#71#79#99#98#96' Flags: SCR: 251 / CAR:F / CAT:SA / DEF: 97 COMMENT: PHYSICS\APPLYING (T) (S12_09)	353- 354/C 2.0
252 (S12_10)	S032160	DIFFERENCE BETWEEN PLANETS AND MOONS (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: S032160\$'1#2#3#4#9#8#6' Flags: SCR: 252 / CAR:F / CAT:M3 / DEF: 7 COMMENT: EARTH SCIENCE\KNOWING (T) (S12_10)	355 /C 1.0
253 (S12_11)	S032654	LOCATION OF JUNGLE (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: S032654\$'1#2#3#4#9#8#6' Flags: SCR: 253 / CAR:F / CAT:M1 / DEF: 7 COMMENT: EARTH SCIENCE\REASONING (T) (S12_11)	356 /C 1.0
254 (S12_12)	S032126	VOLCANIC ERUPTION EFFECTS (1)	10 11 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: S032126\$'10#11#19#70#79#99#98#96' Flags: SCR: 254 / CAR:F / CAT:SA / DEF: 97 COMMENT: BIOLOGY\KNOWING (T) (S12_12)	357- 358/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
255 (S12_13)	S032510	MATERIAL THAT BREAKS DOWN QUICKLY (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: S032510\$'1#2#3#4#9#8#6' Flags: SCR: 255 / CAR:F / CAT:M4 COMMENT: EARTH SCIENCE\KNOWING (T) (S12_13)	359 /C 1.0
256 (S12_14)	S032158	MOLECULES OF GAS WHEN HEATED (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: S032158\$'1#2#3#4#9#8#6' Flags: SCR: 256 / CAR:F / CAT:M2 COMMENT: PHYSICS\KNOWING (T) (S12_14)	360 /C 1.0
257 (S01F01)	SF12025	PARTICLES IN NUCLEUS OF ATOM (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: SF12025\$'1#2#3#4#9#8#6' Flags: SCR: 257 / CAR:F / CAT:M2 COMMENT: CHEMISTRY\FACTUAL KNOWLEDGE (T) (S01F01)	361 /C 1.0
258 (S01F02)	SF12026	SON INHERITS TRAITS (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: SF12026\$'1#2#3#4#9#8#6' Flags: SCR: 258 / CAR:F / CAT:M3 COMMENT: LIFE SCIENCE\CONCEPTUAL UNDERSTANDING (T) (S01F02)	362 /C 1.0
259 (S01F03)	SF12027	TIME/TEMPERATURE TABLE (D)	1 2 3 4 5 9 8 6	A B C D* E omitted not admin. not reached VLD: SF12027\$'1#2#3#4#5#9#8#6' Flags: SCR: 259 / CAR:F / CAT:M4 COMMENT: EARTH SCIENCE\REASONING AND ANALYSIS (T) (S01F03)	363 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
260 (S01F04)	SF12028	CHARACTERISTICS OF ANIMAL GROUPS (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: SF12028\$'1#2#3#4#9#8#6' Flags: SCR: 260 / CAR:F / CAT:M1 / DEF: 7 COMMENT: LIFE SCIENCE\CONCEPTUAL UNDERSTANDING (T) (S01F04)	364 /C 1.0
261 (S01F05)	SF12029	SHADOW SIZE FROM DISTANCE DIAGRAM (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: SF12029\$'1#2#3#4#9#8#6' Flags: SCR: 261 / CAR:F / CAT:M4 / DEF: 7 COMMENT: PHYSICS\REASONING AND ANALYSIS (T) (S01F05)	365 /C 1.0
262 (S01F06)	SF12030	STONE IN UNDERGROUND CAVES (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: SF12030\$'1#2#3#4#9#8#6' Flags: SCR: 262 / CAR:F / CAT:M2 / DEF: 7 COMMENT: EARTH SCIENCE\FACTUAL KNOWLEDGE (T) (S01F06)	366 /C 1.0
263 (S01F07)	SF22035	POLES ON CUT MAGNET (1)	10 70 71 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF22035\$'10#70#71#79#99#98#96' Flags: SCR: 263 / CAR:F / CAT:SA / DEF: 97 COMMENT: PHYSICS\CONCEPTUAL UNDERSTANDING (T) (S01F07)	367- 368/C 2.0
264 (S01F08)	SF22225	THERMOMETER SCALE FOR BOILING WATER (D)	1 2 3 4 5 9 8 6	A B C D* E omitted not admin. not reached VLD: SF22225\$'1#2#3#4#5#9#8#6' Flags: SCR: 264 / CAR:F / CAT:M4 / DEF: 7 COMMENT: PHYSICS\REASONING AND ANALYSIS (T) (S01F08)	369 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
265 (S01F09)	SF22117	BIOLOGICAL CONTROL INSECT POPULATION (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: SF22117\$'1#2#3#4#9#8#6' Flags: SCR: 265 / CAR:F / CAT:M2 / DEF: 7 COMMENT: LIFE SCIENCE\CONCEPTUAL UNDERSTANDING (T) (S01F09)	370 /C 1.0
266 (S01F10)	SF22235	PLANT GROWTH EXPERIMENT (E)	1 2 3 4 5 9 8 6	A B C D E* omitted not admin. not reached VLD: SF22235\$'1#2#3#4#5#9#8#6' Flags: SCR: 266 / CAR:F / CAT:M5 / DEF: 7 COMMENT: LIFE SCIENCE\REASONING AND ANALYSIS (T) (S01F10)	371 /C 1.0
267 (S01F11)	SF22188	REACTIONS RELEASING ENERGY (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: SF22188\$'1#2#3#4#9#8#6' Flags: SCR: 267 / CAR:F / CAT:M3 / DEF: 7 COMMENT: CHEMISTRY\CONCEPTUAL UNDERSTANDING (T) (S01F11)	372 /C 1.0
268 (S01F12)	SF22074	FOSSIL FUELS (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: SF22074\$'1#2#3#4#9#8#6' Flags: SCR: 268 / CAR:F / CAT:M2 / DEF: 7 COMMENT: EARTH SCIENCE\FACTUAL KNOWLEDGE (T) (S01F12)	373 /C 1.0
269 (S01F13)	SF22240	MAIN CAUSE OF ACID RAIN (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: SF22240\$'1#2#3#4#9#8#6' Flags: SCR: 269 / CAR:F / CAT:M3 / DEF: 7 COMMENT: ENVIRONMENTAL SCIENCE\FACTUAL KNOWLEDGE (T) (S01F13)	374 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
270 (S01F14)	SF22206	REACTION OF CHLORINE AND SODIUM (B)	1 2 3 4 5 9 8 6	A B* C D E omitted not admin. not reached VLD: SF22206\$'1#2#3#4#5#9#8#6' Flags: SCR: 270 / CAR:F / CAT:M2 / DEF: 7 COMMENT: CHEMISTRY\FACTUAL KNOWLEDGE (T) (S01F14)	375 /C 1.0
271 (S01F15)	SF22160	ADVANTAGE OF HAVING TWO EARS (1)	10 11 12 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF22160\$'10#11#12#19#70#71#79#99#98#96' Flags: SCR: 271 / CAR:F / CAT:SA / DEF: 97 COMMENT: LIFE SCIENCE\CONCEPTUAL UNDERSTANDING (T) (S01F15)	376- 377/C 2.0
272 (S01F16)	SF22058	ANGLE OF REFLECTED LIGHT RAY (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: SF22058\$'1#2#3#4#9#8#6' Flags: SCR: 272 / CAR:F / CAT:M2 / DEF: 7 COMMENT: PHYSICS\CONCEPTUAL UNDERSTANDING (T) (S01F16)	378 /C 1.0
273 (S02F01)	SF12013	TRUE STATEMENT OF MOUNTAIN AGE (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: SF12013\$'1#2#3#4#9#8#6' Flags: SCR: 273 / CAR:F / CAT:M2 / DEF: 7 COMMENT: EARTH SCIENCE\CONCEPTUAL UNDERSTANDING (T) (S02F01)	379 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
274 (S02F02)	SF12014	MESSAGE FROM EYES TO BRAIN (D)	1 2 3 4 5 9 8 6	A B C D* E omitted not admin. not reached VLD: SF12014\$'1#2#3#4#5#9#8#6' Flags: SCR: 274 / CAR:F / CAT:M4 / DEF: 7 COMMENT: LIFE SCIENCE\FACTUAL KNOWLEDGE (T) (S02F02)	380 /C 1.0
275 (S02F03)	SF12015	CANDLE POSITION REFLECTED ON GRID (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: SF12015\$'1#2#3#4#9#8#6' Flags: SCR: 275 / CAR:F / CAT:M2 / DEF: 7 COMMENT: PHYSICS\REASONING AND ANALYSIS (T) (S02F03)	381 /C 1.0
276 (S02F04)	SF12016	SUBSTANCE TYPE OF BLACK/WHITE POWDER (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: SF12016\$'1#2#3#4#9#8#6' Flags: SCR: 276 / CAR:F / CAT:M3 / DEF: 7 COMMENT: CHEMISTRY\FACTUAL KNOWLEDGE (T) (S02F04)	382 /C 1.0
277 (S02F05)	SF12017	INCREASED CARBON DIOXIDE IN ATMOSPHE (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: SF12017\$'1#2#3#4#9#8#6' Flags: SCR: 277 / CAR:F / CAT:M1 / DEF: 7 COMMENT: ENVIRONMENTAL SCIENCE\FACTUAL KNOWLEDGE (T) (S02F05)	383 /C 1.0
278 (S02F06)	SF12018	SUBSTANCE NOT A FOSSIL FUEL (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: SF12018\$'1#2#3#4#9#8#6' Flags: SCR: 278 / CAR:F / CAT:M3 / DEF: 7 COMMENT: EARTH SCIENCE\FACTUAL KNOWLEDGE (T) (S02F06)	384 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
279 (S02F07)	SF12001	ORGAN NOT IN ABDOMEN (E)	1 2 3 4 5 9 8 6	A B C D E* omitted not admin. not reached VLD: SF12001\$'1#2#3#4#5#9#8#6' Flags: SCR: 279 / CAR:F / CAT:M5 / DEF: 7 COMMENT: LIFE SCIENCE\FACTUAL KNOWLEDGE (T) (S02F07)	385 /C 1.0
280 (S02F08)	SF12002	STORED ENERGY IN TWO SPRINGS (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: SF12002\$'1#2#3#4#9#8#6' Flags: SCR: 280 / CAR:F / CAT:M2 / DEF: 7 COMMENT: PHYSICS\CONCEPTUAL UNDERSTANDING (T) (S02F08)	386 /C 1.0
281 (S02F09)	SF12003	FANNING A WOOD FIRE (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: SF12003\$'1#2#3#4#9#8#6' Flags: SCR: 281 / CAR:F / CAT:M2 / DEF: 7 COMMENT: CHEMISTRY\CONCEPTUAL UNDERSTANDING (T) (S02F09)	387 /C 1.0
282 (S02F10)	SF12004	SEEING PERSON IN A DARK ROOM (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: SF12004\$'1#2#3#4#9#8#6' Flags: SCR: 282 / CAR:F / CAT:M1 / DEF: 7 COMMENT: PHYSICS\CONCEPTUAL UNDERSTANDING (T) (S02F10)	388 /C 1.0
283 (S02F11)	SF12005	OVERGRAZING BY LIVESTOCK (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: SF12005\$'1#2#3#4#9#8#6' Flags: SCR: 283 / CAR:F / CAT:M3 / DEF: 7 COMMENT: ENVIRONMENTAL SCIENCE\FACTUAL KNOWLEDGE (T) (S02F11)	389 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
284 (S02F12)	SF12006	CHANGES IN RIVER SHAPE/SPEED (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: SF12006\$'1#2#3#4#9#8#6' Flags: SCR: 284 / CAR:F / CAT:M3 / DEF: 7 COMMENT: EARTH SCIENCE\REASONING AND ANALYSIS (T) (S02F12)	390 /C 1.0
285 (S02F13)	SF32131	NAIL PULLED OUT OF A WOODEN BOARD (1)	10 11 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32131\$'10#11#19#70#79#99#98#96' Flags: SCR: 285 / CAR:F / CAT:SA / DEF: 97 COMMENT: PHYSICS\CONCEPTUAL UNDERSTANDING (S02F13)	391- 392/C 2.0
286 (S02F14)	SF32202	COMMUNITY OF MICE, SNAKES AND WHEAT (2)	20 21 29 10 11 19 70 79 99 98 96	CORRECT RESP CORRECT RESP CORRECT RESP PARTIAL RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESP INCORRECT RESP omitted not admin. not reached VLD: SF32202\$'20#21#29#10#11#19#70#79#99#98#96' Flags: SCR: 286 / CAR:F / CAT:SA / DEF: 97 COMMENT: LIFE SCIENCE\REASONING AND ANALYSIS (S02F14)	393- 394/C 2.0
287 (S13F01)	SF32574	WHICH SUBSTANCES ARE ELEMENTS (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: SF32574\$'1#2#3#4#9#8#6' Flags: SCR: 287 / CAR:F / CAT:M2 / DEF: 7 COMMENT: CHEMISTRY\CONCEPTUAL UNDERSTANDING (S13F01)	395 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
288 (S13F02)	SF32532	POSITION MOON DURING SOLAR ECLIPSE (1)	10 70 71 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32532\$'10#70#71#79#99#98#96' Flags: SCR: 288 / CAR:F / CAT:SA / DEF: 97 COMMENT: EARTH SCIENCE\CONCEPTUAL UNDERSTANDING (S13F02)	396- 397/C 2.0
289 (S13F03)	SF32562	SEP SALT/SAND/IRON FILINGS MIXTURE (2)	20 10 11 12 19 70 79 99 98 96	CORRECT RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32562\$'20#10#11#12#19#70#79#99#98#96' Flags: SCR: 289 / CAR:F / CAT:SA / DEF: 97 COMMENT: CHEMISTRY\REASONING AND ANALYSIS (S13F03)	398- 399/C 2.0
290 (S13F04)	SF32422	GROUP OF RENEWABLE ENERGY SOURCES (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: SF32422\$'1#2#3#4#9#8#6' Flags: SCR: 290 / CAR:F / CAT:M3 / DEF: 7 COMMENT: ENVIRONMENTAL SCIENCE\CONCEPTUAL UNDERSTANDING (S13F04)	400 /C 1.0
291 (S13F05)	SF32375	SUNLIGHT THROUGH A GLASS PRISM (2)	20 21 29 10 11 19 70 71 79 99 98 96	CORRECT RESP CORRECT RESP CORRECT RESP PARTIAL RESPONSE PARTIAL RESPONSE PARTIAL RESP INCORRECT RESP INCORRECT RESP INCORRECT RESP omitted not admin. not reached VLD: SF32375\$'20#21#29#10#11#19#70#71#79#99#98#96' Flags: SCR: 291 / CAR:F / CAT:SA / DEF: 97 COMMENT: PHYSICS\CONCEPTUAL UNDERSTANDING (S13F05)	401- 402/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
292 (S13F06)	SF32714	DIRECTION DROPPED BALL WILL FALL (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: SF32714\$'1#2#3#4#9#8#6' Flags: SCR: 292 / CAR:F / CAT:M4 / DEF: 7 COMMENT: EARTH SCIENCE\CONCEPTUAL UNDERSTANDING (S13F06)	403 /C 1.0
293 (S13F07)	SF32704	GALAP ISLAND_ PLANT/ANIMAL INH FIRST (1)	10 11 12 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32704\$'10#11#12#19#70#71#79#99#98#96' Flags: SCR: 293 / CAR:F / CAT:SA / DEF: 97 COMMENT: LIFE SCIENCE\CONCEPTUAL UNDERSTANDING (S13F07)	404- 405/C 2.0
294 (S13F08A)	SF32705A	GALAPAGOS ISLANDS_ EFFECT OF CATS (1)	10 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32705A\$'10#19#70#79#99#98#96' Flags: SCR: 294 / CAR:F / CAT:SA / DEF: 97 COMMENT: LIFE SCIENCE\CONCEPTUAL UNDERSTANDING (S13F08A)	406- 407/C 2.0
295 (S13F08B)	SF32705B	GALAPAGOS ISLANDS_ EFFECT OF GOATS (1)	10 11 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32705B\$'10#11#19#70#79#99#98#96' Flags: SCR: 295 / CAR:F / CAT:SA / DEF: 97 COMMENT: LIFE SCIENCE\CONCEPTUAL UNDERSTANDING (S13F08B)	408- 409/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
296 (S13F09A)	SF32706A	GALAP ISLAND_COMPARE OF SPEC 1 AND 2 (1)	10 11 12 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32706A\$'10#11#12#19#70#71#79#99#98#96' Flags: SCR: 296 / CAR:F / CAT:SA / DEF: 97 COMMENT: LIFE SCIENCE\REASONING AND ANALYSIS (S13F09A)	410- 411/C 2.0
297 (S13F09B)	SF32706B	GALAP ISLANDS_ SIZE OF SPECIES EATS (1)	10 11 12 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32706B\$'10#11#12#19#70#71#79#99#98#96' Flags: SCR: 297 / CAR:F / CAT:SA / DEF: 97 COMMENT: LIFE SCIENCE\CONCEPTUAL UNDERSTANDING (S13F09B)	412- 413/C 2.0
298 (S13F10)	SF32707	GALAP ISLAND_GRAPHHS FOR SPEC 3 AND 4 (1)	10 19 70 71 72 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32707\$'10#19#70#71#72#79#99#98#96' Flags: SCR: 298 / CAR:F / CAT:SA / DEF: 97 COMMENT: LIFE SCIENCE\REASONING AND ANALYSIS (S13F10)	414- 415/C 2.0
299 (S14F01)	SF32115	PERCENTAGE OF FRESH WATER ON EARTH (D)	1 2 3 4 9 8 6	A B C D* omitted not admin. not reached VLD: SF32115\$'1#2#3#4#9#8#6' Flags: SCR: 299 / CAR:F / CAT:M4 / DEF: 7 COMMENT: EARTH SCIENCE\KNOWING (T) (S14F01)	416 /C 1.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
300 (S14F02)	SF32565	DENSITY OF SALT SOLUTION (1)	10 11 19 70 71 72 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32565\$'10#11#19#70#71#72#79#99#98#96' Flags: SCR: 300 / CAR:F / CAT:SA / DEF: 97 COMMENT: CHEMISTRY\REASONING (T) (S14F02)	417- 418/C 2.0
301 (S14F03)	SF32403	LIQUID COMPARED TO A GAS (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: SF32403\$'1#2#3#4#9#8#6' Flags: SCR: 301 / CAR:F / CAT:M3 / DEF: 7 COMMENT: PHYSICS\KNOWING (T) (S14F03)	419 /C 1.0
302 (S14F04)	SF32273	IRON NAIL WITH WIRE COILED AROUND IT (C)	1 2 3 4 9 8 6	A B C* D omitted not admin. not reached VLD: SF32273\$'1#2#3#4#9#8#6' Flags: SCR: 302 / CAR:F / CAT:M3 / DEF: 7 COMMENT: PHYSICS\KNOWING (T) (S14F04)	420 /C 1.0
303 (S14F05A)	SF32019A	PHYSICAL CAUSES OF WEATHERING (1)	10 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32019A\$'10#19#70#71#79#99#98#96' Flags: SCR: 303 / CAR:F / CAT:SA / DEF: 97 COMMENT: EARTH SCIENCE\APPLYING (T) (S14F05A)	421- 422/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
304 (S14F05B)	SF32019B	CHEMICAL CAUSES OF WEATHERING (1)	10 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32019B\$'10#19#70#71#79#99#98#96' Flags: SCR: 304 / CAR:F / CAT:SA / DEF: 97 COMMENT: EARTH SCIENCE\APPLYING (T) (S14F05B)	423- 424/C 2.0
305 (S14F06)	SF32516	EFFECT OF CUTTING DOWN THE TREES (1)	10 11 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32516\$'10#11#19#70#71#79#99#98#96' Flags: SCR: 305 / CAR:F / CAT:SA / DEF: 97 COMMENT: EARTH SCIENCE\APPLYING (T) (S14F06)	425- 426/C 2.0
306 (S14F07)	SF32620	HUMAN POPULATION GRAPHS (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: SF32620\$'1#2#3#4#9#8#6' Flags: SCR: 306 / CAR:F / CAT:M1 / DEF: 7 COMMENT: BIOLOGY\REASONING (T) (S14F07)	427 /C 1.0
307 (S14F08A)	SF32693A	COMPLETE THE FOOD WEB (1)	10 70 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32693A\$'10#70#79#99#98#96' Flags: SCR: 307 / CAR:F / CAT:SA / DEF: 97 COMMENT: BIOLOGY\REASONING (T) (S14F08A)	428- 429/C 2.0
308 (S14F08B)	SF32693B	SHARKS WHEN TUNA BECOMES SCARCE (1)	10 11 19 70 71 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32693B\$'10#11#19#70#71#79#99#98#96' Flags: SCR: 308 / CAR:F / CAT:SA / DEF: 97 COMMENT: BIOLOGY\REASONING (T) (S14F08B)	430- 431/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
309 (S14F09)	SF32695	HOW ORGANISM SURVIVES LOW TIDE (2)	20 29 10 19 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE PARTIAL RESPONSE PARTIAL RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached VLD: SF32695\$'20#29#10#19#70#79#99#98#96' Flags: SCR: 309 / CAR:F / CAT:SA / DEF: 97 COMMENT: BIOLOGY\REASONING (T) (S14F09)	432- 433/C 2.0
310 (S14F10A)	SF32697A	AT THE BOTTOM OF OCEAN (1)	10 11 12 13 19 70 71 79 99 98 96	CORRECT RESP CORRECT RESP CORRECT RESP CORRECT RESP CORRECT RESP INCORRECT RESP INCORRECT RESP INCORRECT RESP omitted not admin. not reached VLD: SF32697A\$'10#11#12#13#19#70#71#79#99#98#96' Flags: SCR: 310 / CAR:F / CAT:SA / DEF: 97 COMMENT: BIOLOGY\APPLYING (T) (S14F10A)	434- 435/C 2.0
311 (S14F10B)	SF32697B	AT THE BOTTOM OF OCEAN (1)	10 11 12 13 19 70 71 79 99 98 96	CORRECT RESP CORRECT RESP CORRECT RESP CORRECT RESP CORRECT RESP INCORRECT RESP INCORRECT RESP INCORRECT RESP omitted not admin. not reached VLD: SF32697B\$'10#11#12#13#19#70#71#79#99#98#96' Flags: SCR: 311 / CAR:F / CAT:SA / DEF: 97 COMMENT: BIOLOGY\APPLYING (T) (S14F10B)	436- 437/C 2.0
312 (S14F10D)	SF32697D	AT THE BOTTOM OF OCEAN (2)	10 20 70 79 99 98 96	CORRECT RESPONSE CORRECT RESPONSE INCORRECT RESPONSE PARTIALLY CORRECT RESPONSE omitted not admin. not reached VLD: SF32697D\$'10#20#70#79#99#98#96' Flags: SCR: 312 / CAR:F / CAT:DPC_D / DEF: 97 COMMENT: BIOLOGY\APPLYING (T) (S14F10D)	438- 439/C 2.0

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
313 SEX	ITSEX	SEX OF STUDENT	1 2 9 8	GIRL BOY omitted not admin. VLD: ITSEX\$'1#2#9#8' Flags: SCR: 313 / CAR:F / CAT:IT / DEF:	440 /C 1.0
COMMENT:					
314 LANG	ITLANG	LANGUAGE OF TESTING	1 2 3 9 8	TEST LANGUAGE COUNTRY SPECIFIC COUNTRY SPECIFIC omitted not admin. VLD: ITLANG\$'1#2#3#9#8' Flags: SCR: 314 / CAR:F / CAT:IT / DEF:	441 /C 1.0
COMMENT:					
315 SYSTEM	SSYSTEM	RECORD NUMBER STUDENT GENERAL FILE	VALUE 99999 99998	SSYSTEM D omitted not admin. VLD: .T. Flags: SCR: 315 / CAR:F / CAT:D / DEF:	442- 446/N 5.0
COMMENT:					
316 RELIABILIT	ILRELIAB	RELIABILITY SCORING STATUS	0 1 9 8	STUDENTS BOOKLET NOT USED FOR R-SCORI STUDENTS BOOKLET WAS USED FOR R-SCORING omitted not admin. VLD: ILRELIAB\$'0#1#9#8' Flags: SCR: 316 / CAR:F / CAT:IL / DEF:	447 /C 1.0
COMMENT:					
317 POPULATION	IDPOP	POPULATION ID	1 2 3 9 8	TIMSS POP 1 TIMSS POP 2 TIMSS POP 3 omitted not admin. VLD: IDPOP\$'1#2#3#9#8' Flags: SCR: 317 / CAR:F / CAT:ID / DEF:	448 /C 1.0
COMMENT:					
318 GRADE	IDGRADE	GRADE ID	7 8 9 99 98	GRADE 7 GRADE 8 GRADE 9 omitted not admin. VLD: IDGRADE\$'7#8#9#99#98' Flags: SCR: 318 / CAR:F / CAT:ID / DEF:	449- 450/C 2.0
COMMENT:					
319 GRADE	IDGRADER	STANDARDIZED GRADE ID	1 2 9 8	LOWER GRADE UPPER GRADE omitted not admin. VLD: IDGRADER\$'1#2#9#8' Flags: SCR: 319 / CAR:F / CAT:D / DEF:	451 /C 1.0
COMMENT:					

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
320 D:AGE	BSDAGE	AGE OF STUDENT	VALUE 99 98	BSDAGE B omitted not admin. VLD: (BSDAGE>=9.AND.BSDAGE<=19).OR.BSDAGE=99.OR.BSDAGE=98 Flags: SCR: 320 / CAR:F / CAT:B / DEF:	452- 456/N 5.2
COMMENT:					
321 IDSTRATE	IDSTRATE	EXPLICIT STRATUM CODE	VALUE 999 998	IDSTRATE D omitted not admin. VLD: .T. Flags: SCR: 321 / CAR:F / CAT:D / DEF:	457- 459/N 3.0
COMMENT:					
322 IDSTRATI	IDSTRATI	IMPLICIT STRATUM CODE	VALUE 999 998	IDSTRATI D omitted not admin. VLD: .T. Flags: SCR: 322 / CAR:F / CAT:D / DEF:	460- 462/N 3.0
COMMENT:					
323 WEIGHT	JKREP	JACKKNIFE REPLICATE CODE	VALUE 9 8	JKREP D omitted not admin. VLD: .T. Flags: SCR: 323 / CAR:F / CAT:D / DEF:	463 /N 1.0
COMMENT:					
324 WEIGHT	JKZONE	JACKKNIFE ZONE	VALUE 99 98	JKZONE D omitted not admin. VLD: .T. Flags: SCR: 324 / CAR:F / CAT:D / DEF:	464- 465/N 2.0
COMMENT:					
325 WEIGHT	HOUWGT	HOUSE WEIGHT	VALUE 999999 999998	HOUWGT D omitted not admin. VLD: .T. Flags: SCR: 325 / CAR:F / CAT:D / DEF:	466- 478/N 13.6
COMMENT:					
326 WEIGHT	SENWGT	SENATE WEIGHT	VALUE 999999 999998	SENWGT D omitted not admin. VLD: .T. Flags: SCR: 326 / CAR:F / CAT:D / DEF:	479- 491/N 13.6
COMMENT:					
327 WEIGHT	TOTWGT	TOTAL STUDENT WEIGHT	VALUE 999999 999998	TOTWGT D omitted not admin. VLD: .T. Flags: SCR: 327 / CAR:F / CAT:D / DEF:	492- 504/N 13.6
COMMENT:					

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
328 EXTRA-A	BS4GCAL1	CALCULATOR SURVEY	1 2 9 8	A B omitted not admin. VLD: BS4GCAL1\$'1#2#9#8' Flags: SCR: 328 / CAR:F / CAT:B COMMENT: Did you have a calculator to use on this test?	505 /C 1.0
329 EXTRA-B	BS4GCAL2	CALCULATOR SURVEY	1 2 3 4 9 8	A B C D omitted not admin. VLD: BS4GCAL2\$'1#2#3#4#9#8' Flags: SCR: 329 / CAR:F / CAT:B COMMENT: If you did have a calculator to use, how often did you use it?	506 /C 1.0
330 SCORE	BSMSCPT	RAW SCORE ON MATH ITEMS	VALUE 99 98	BSMSCPT D omitted not admin. VLD: .T. Flags: SCR: 330 / CAR:F / CAT:D COMMENT:	507- 508/N 2.0
331 SCORE	BSMSTDR	STANDARDIZED MATH RAW SCORE (50,10)	VALUE 9999 9998	BSMSTDR D omitted not admin. VLD: .T. Flags: SCR: 331 / CAR:F / CAT:D COMMENT:	509- 516/N 8.3
332 SCORE	BSSSCPT	RAW SCORE ON SCIENCE ITEMS	VALUE 99 98	BSSSCPT D omitted not admin. VLD: .T. Flags: SCR: 332 / CAR:F / CAT:D COMMENT:	517- 518/N 2.0
333 SCORE	BSSSTDR	STANDARDIZED SCIENCE RAW SCORE (50,10)	VALUE 9999 9998	BSSSTDR D omitted not admin. VLD: .T. Flags: SCR: 333 / CAR:F / CAT:D COMMENT:	519- 526/N 8.3
334 SCORE	BSSNRSC	NATIONAL SCIENCE RASCH SCORE (150,10)	VALUE 9999 9998	BSSNRSC D omitted not admin. VLD: .T. Flags: SCR: 334 / CAR:F / CAT:D COMMENT:	527- 534/N 8.3

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
335 SCORE	BSMNRSC	NATIONAL MATH RASCH SCORE (150,10)	VALUE 9999 9998	BSMNRSC D omitted not admin. VLD: .T. Flags: SCR: 335 / CAR:F / CAT:D	535- 542/N 8.3 / DEF:
			COMMENT:		
336 SCORE	BSMMAT01	1ST PLAUSIBLE VALUE MATHEMATICS	VALUE	Plausible Value VLD: .T. Flags: SCR: 336 / CAR:F / CAT:D	543- 548/N 6.2 / DEF:
			COMMENT:		
337 SCORE	BSMMAT02	2ND PLAUSIBLE VALUE MATHEMATICS	VALUE	Plausible Value VLD: .T. Flags: SCR: 337 / CAR:F / CAT:D	549- 554/N 6.2 / DEF:
			COMMENT:		
338 SCORE	BSMMAT03	3RD PLAUSIBLE VALUE MATHEMATICS	VALUE	Plausible Value VLD: .T. Flags: SCR: 338 / CAR:F / CAT:D	555- 560/N 6.2 / DEF:
			COMMENT:		
339 SCORE	BSMMAT04	4TH PLAUSIBLE VALUE MATHEMATICS	VALUE	Plausible Value VLD: .T. Flags: SCR: 339 / CAR:F / CAT:D	561- 566/N 6.2 / DEF:
			COMMENT:		
340 SCORE	BSMMAT05	5TH PLAUSIBLE VALUE MATHEMATICS	VALUE	Plausible Value VLD: .T. Flags: SCR: 340 / CAR:F / CAT:D	567- 572/N 6.2 / DEF:
			COMMENT:		
341 SCORE	BSSSCI01	1ST PLAUSIBLE VALUE SCIENCE	VALUE	Plausible Value VLD: .T. Flags: SCR: 341 / CAR:F / CAT:D	573- 578/N 6.2 / DEF:
			COMMENT:		
342 SCORE	BSSSCI02	2ND PLAUSIBLE VALUE SCIENCE	VALUE	Plausible Value VLD: .T. Flags: SCR: 342 / CAR:F / CAT:D	579- 584/N 6.2 / DEF:
			COMMENT:		
343 SCORE	BSSSCI03	3RD PLAUSIBLE VALUE SCIENCE	VALUE	Plausible Value VLD: .T. Flags: SCR: 343 / CAR:F / CAT:D	585- 590/N 6.2 / DEF:
			COMMENT:		
344 SCORE	BSSSCI04	4TH PLAUSIBLE VALUE SCIENCE	VALUE	Plausible Value VLD: .T. Flags: SCR: 344 / CAR:F / CAT:D	591- 596/N 6.2 / DEF:
			COMMENT:		
345 SCORE	BSSSCI05	5TH PLAUSIBLE VALUE SCIENCE	VALUE	Plausible Value VLD: .T. Flags: SCR: 345 / CAR:F / CAT:D	597- 602/N 6.2 / DEF:
			COMMENT:		

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
346	DATE	DPCDATE	FILE CREATION DATE AT DPC HAMBURG	VALUE 9999999 9999999 DPCDATE D omitted not admin. VLD: .T. Flags: SCR: 346 / CAR:F / CAT:D / DEF: COMMENT:	603- 610/N 8.0