

Mathematics: Number / Applying

MN04_01 MN21061: Money Eric needs to buy a computer - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1119	61.2	58.4	11.4	17.0	8.6	3.5	1.1	56.8	65.7
Morocco	1968	52.0	50.6	12.6	16.6	17.4	2.0	0.8	50.9	53.2
South Africa (5)	2612	43.3	42.8	15.3	18.9	21.7	1.1	0.1	45.5	41.3
International Avg. (3)	5699	52.2	50.6	13.1	17.5	15.9	2.2	0.7	51.1	53.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing
MN04_02 MN21067: 23/5 = - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1119	52.0	12.1	47.8	22.4	9.7	6.7	1.3	51.6	52.2
Morocco	1968	51.7	12.0	48.5	23.2	10.0	5.5	0.8	50.4	53.0
South Africa (5)	2609	49.6	8.6	48.2	29.6	10.8	2.7	0.1	51.8	47.6
International Avg. (3)	5696	51.1	10.9	48.1	25.1	10.1	5.0	0.7	51.3	50.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN04_03 MN21046: Round 682 to nearest hundred - CR - 1 Point

COUNTRY	N	DIFF %	10 %	70 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1119	48.6	40.6	5.5	37.4	40.6	42.9	15.2	1.4	42.6	55.0
Morocco	1968	23.4	19.5	3.6	60.1	19.5	63.7	15.8	1.0	21.0	25.9
South Africa (5)	2615	29.0	28.0	7.2	61.3	28.0	68.5	3.4	0.1	30.3	28.0
International Avg. (3)	5702	33.7	29.4	5.4	52.9	29.4	58.3	11.4	0.9	31.3	36.3

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN04_04 MN21023: Number after 36 in Tim's number pattern - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1119	64.5	58.9	32.4	58.9	32.4	7.2	1.5	64.0	64.7
Morocco	1961	51.3	46.1	43.8	46.1	43.8	8.9	1.3	53.4	49.1
South Africa (5)	2609	65.9	63.7	33.0	63.7	33.0	3.1	0.1	70.6	61.1
International Avg. (3)	5689	60.5	56.2	36.4	56.2	36.4	6.4	1.0	62.7	58.3

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Reasoning

MN04_05 MN21018: Make the number sentence true - $A \times B = 8 + C$ - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1119	25.4	23.3	68.2	23.3	68.2	7.1	1.5	25.7	25.0
Morocco	1961	26.2	24.5	69.1	24.5	69.1	5.0	1.5	25.3	27.0
South Africa (5)	2613	14.5	14.3	84.0	14.3	84.0	1.6	0.2	16.4	12.8
International Avg. (3)	5693	22.0	20.7	73.7	20.7	73.7	4.5	1.0	22.5	21.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MN04_06 MN21020: Expression for plants at garden shop - MC - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1119	41.7	21.4	20.6	12.7	39.1	4.6	1.5	37.0	46.2
Morocco	1961	39.0	17.8	22.1	15.9	35.7	6.8	1.7	39.0	39.0
South Africa (5)	2607	34.7	27.2	22.0	14.9	34.0	1.7	0.2	36.0	33.7
International Avg. (3)	5687	38.5	22.1	21.6	14.5	36.3	4.4	1.1	37.3	39.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MN04_07 MN21069: Length of whole strip of paper - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1119	56.6	18.1	14.3	53.4	8.6	3.7	1.9	57.4	55.4
Morocco	1961	61.4	15.4	10.9	58.4	10.4	2.8	2.0	59.9	62.9
South Africa (5)	2609	55.2	17.3	14.0	54.2	12.7	1.4	0.4	58.9	51.6
International Avg. (3)	5689	57.7	16.9	13.1	55.4	10.6	2.6	1.4	58.7	56.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Applying

MN04_08 MN21040: Weight of boxes of bananas and oranges - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1119	49.2	19.5	17.0	46.0	11.1	4.6	2.0	45.5	52.8
Morocco	1968	46.4	18.2	20.3	43.5	11.8	4.0	2.1	44.2	48.6
South Africa (5)	2608	45.4	19.4	15.5	44.6	18.8	1.3	0.4	48.0	42.9
International Avg. (3)	5695	47.0	19.0	17.6	44.7	13.9	3.3	1.5	45.9	48.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Knowing

MN04_09 MN21070: Area of large triangle in square cm - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1119	41.5	19.3	38.1	30.1	4.4	5.5	2.6	41.3	41.6
Morocco	1968	50.0	12.7	47.2	26.9	7.6	3.0	2.7	46.4	53.7
South Africa (5)	2608	26.0	27.3	25.5	39.2	6.1	1.4	0.4	26.1	26.0
International Avg. (3)	5695	39.2	19.8	36.9	32.1	6.0	3.3	1.9	37.9	40.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Reasoning

MN04_10 MN21037: Largest metric unit of volume - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1119	47.1	44.0	5.4	6.3	37.6	3.7	3.0	39.3	55.4
Morocco	1968	42.4	39.9	8.2	7.2	38.9	2.9	2.8	37.0	47.8
South Africa (5)	2607	34.8	33.8	15.0	12.7	35.7	2.4	0.4	32.1	37.3
International Avg. (3)	5694	41.4	39.2	9.6	8.7	37.4	3.0	2.1	36.2	46.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Reasoning

MN04_11 MN21033: Four small triangles to make shape - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1119	15.1	14.0	78.7	14.0	78.7	3.9	3.3	17.3	12.4
Morocco	1968	16.1	15.3	79.6	15.3	79.6	2.1	3.0	17.4	14.8
South Africa (5)	2615	18.6	18.3	79.7	18.3	79.7	1.3	0.8	21.9	15.5
International Avg. (3)	5702	16.6	15.9	79.3	15.9	79.3	2.4	2.4	18.9	14.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Knowing

MN04_12 MN21001: Tally chart of ways to school - least students - MC - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1115	56.2	17.4	10.3	12.7	51.9	4.0	3.6	56.6	55.5
Morocco	1968	44.9	22.8	13.4	15.2	41.9	3.5	3.2	44.3	45.6
South Africa (5)	2607	47.7	12.3	17.5	21.4	46.7	1.3	0.7	49.7	45.7
International Avg. (3)	5690	49.6	17.5	13.7	16.4	46.8	2.9	2.5	50.2	48.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Applying

MN04_13 MN21060: Bar graph of books in a classroom - CR - 2 Points

COUNTRY	N	DIFF %	20 %	10 %	11 %	79 %	2pt %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1115	58.9	40.2	7.2	2.7	26.5	40.2	9.9	26.5	18.6	4.9	57.0	60.7
Morocco	1968	78.1	59.3	9.3	2.7	12.3	59.3	12.0	12.3	12.3	4.2	80.1	76.1
South Africa (5)	2613	70.5	53.0	9.6	2.8	18.5	53.0	12.5	18.5	14.9	1.1	72.9	68.1
International Avg. (3)	5696	69.2	50.8	8.7	2.7	19.1	50.8	11.4	19.1	15.2	3.4	70.0	68.3

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Applying

MN04_14 MN21003: Statements about cars (DERIVED) - CR - 2 Points

COUNTRY	N	DIFF %	20 %	10 %	79 %	2pt %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1115	66.8	43.1	25.6	14.9	43.1	25.6	14.9	8.9	7.5	68.3	65.1
Morocco	1968	56.7	37.6	26.2	25.7	37.6	26.2	25.7	5.0	5.6	58.5	54.8
South Africa (5)	2616	51.6	28.5	33.1	25.7	28.5	33.1	25.7	9.5	3.1	55.5	47.7
International Avg. (3)	5699	58.4	36.4	28.3	22.1	36.4	28.3	22.1	7.8	5.4	60.8	55.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Applying

MN04_14A MN21003A: Statements about cars - 2 red cars - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1115	94.0	76.7	4.9	10.9	7.5	94.4	93.5
Morocco	1968	87.7	76.6	10.7	7.1	5.6	89.6	85.8
South Africa (5)	2616	89.9	76.4	8.6	11.8	3.1	93.3	86.3
International Avg. (3)	5699	90.5	76.6	8.1	9.9	5.4	92.4	88.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Applying

MN04_14B MN21003B: Statements about cars - red and black cars - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1115	90.8	7.4	73.1	12.0	7.5	90.9	90.6
Morocco	1968	84.3	13.4	71.9	9.1	5.6	86.2	82.2
South Africa (5)	2616	82.3	14.9	69.0	13.0	3.1	86.4	78.1
International Avg. (3)	5699	85.8	11.9	71.4	11.4	5.4	87.8	83.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Applying

MN04_14C MN21003C: Statements about cars - black and blue cars - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1115	87.5	9.9	69.0	13.7	7.5	90.1	84.6
Morocco	1968	80.3	16.5	67.4	10.5	5.6	83.1	77.3
South Africa (5)	2616	74.2	21.4	61.5	14.0	3.1	76.8	71.7
International Avg. (3)	5699	80.7	15.9	65.9	12.7	5.4	83.3	77.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Applying

MN04_14D MN21003D: Statements about cars - silver cars - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1115	67.0	53.7	26.4	12.4	7.5	65.3	68.6
Morocco	1968	60.9	51.0	32.8	10.7	5.6	61.3	60.4
South Africa (5)	2616	54.9	45.5	37.4	14.0	3.1	53.2	56.7
International Avg. (3)	5699	60.9	50.1	32.2	12.4	5.4	60.0	61.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN09_01 MN11019: 482 - 27 = - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1102	50.9	11.4	7.7	47.4	26.5	3.5	3.4	47.0	54.7
Morocco	1894	57.0	7.0	8.6	56.2	26.8	1.2	0.1	57.4	56.6
South Africa (5)	2570	41.9	16.7	11.1	40.8	28.7	2.3	0.3	42.7	41.0
International Avg. (3)	5566	49.9	11.7	9.2	48.1	27.4	2.4	1.3	49.0	50.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN09_02 MN11145: Total flowers planted by Carol and Katrin - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1102	50.1	42.5	42.3	42.5	42.3	11.6	3.6	46.0	54.1
Morocco	1953	62.6	58.3	34.8	58.3	34.8	5.3	1.6	63.6	61.8
South Africa (5)	2574	48.4	47.7	50.8	47.7	50.8	1.2	0.3	53.3	43.4
International Avg. (3)	5629	53.7	49.5	42.6	49.5	42.6	6.0	1.8	54.3	53.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN09_03 MN11211: Total number of players in a soccer club - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1102	53.2	13.0	24.8	49.0	5.2	3.6	4.4	43.4	62.5
Morocco	1880	48.4	17.5	27.3	47.7	6.0	1.2	0.3	43.2	52.9
South Africa (5)	2570	38.1	9.2	40.5	37.3	10.8	1.9	0.3	37.1	39.5
International Avg. (3)	5552	46.6	13.2	30.9	44.7	7.4	2.2	1.6	41.2	51.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MN09_04 MN11014: Smallest 3-digit number with 4, 1, 8 - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1101	44.4	38.3	47.9	38.3	47.9	9.2	4.6	43.9	44.9
Morocco	1953	41.0	37.9	54.4	37.9	54.4	5.3	2.4	41.9	40.3
South Africa (5)	2575	16.9	16.3	80.1	16.3	80.1	3.3	0.4	20.0	13.8
International Avg. (3)	5629	34.1	30.8	60.8	30.8	60.8	5.9	2.5	35.3	33.0

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Applying

MN09_05 MN11300: Find total number of cookies sold with bar graph - CR - 1 Point

COUNTRY	N	DIFF %	10 %	70 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1102	29.6	24.9	2.3	56.8	24.9	59.0	11.0	5.1	26.5	32.5
Morocco	1953	43.2	40.1	1.8	51.0	40.1	52.7	4.1	3.1	41.7	44.5
South Africa (5)	2575	20.9	20.4	3.3	74.3	20.4	77.5	1.5	0.5	23.3	18.5
International Avg. (3)	5630	31.2	28.5	2.4	60.7	28.5	63.1	5.5	2.9	30.5	31.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MN09_06 MN11028: Number Jim left out counting by threes - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1102	44.2	38.1	48.1	38.1	48.1	8.6	5.2	41.1	47.3
Morocco	1953	43.2	39.1	51.4	39.1	51.4	6.1	3.4	43.2	43.2
South Africa (5)	2576	43.3	42.6	55.8	42.6	55.8	0.9	0.6	50.6	36.0
International Avg. (3)	5631	43.6	40.0	51.8	40.0	51.8	5.2	3.1	45.0	42.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing
MN09_07 MN11231: 25.6 - 3 = - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1102	43.4	39.4	40.4	6.2	4.9	3.8	5.3	35.8	50.6
Morocco	1846	28.1	27.8	53.2	11.0	6.8	0.7	0.6	24.4	31.3
South Africa (5)	2572	21.7	21.2	62.4	8.2	5.9	1.7	0.6	21.8	21.7
International Avg. (3)	5520	31.1	29.5	52.0	8.4	5.9	2.0	2.2	27.4	34.5

Mathematics: Number / Knowing

MN09_08 MN11061: Identify picture with 2/3 shaded - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1102	74.8	9.8	67.5	8.8	4.1	4.3	5.5	73.9	75.6
Morocco	1842	74.3	10.3	72.0	7.6	7.0	2.6	0.6	77.7	71.3
South Africa (5)	2563	78.7	7.8	74.9	7.3	5.1	4.2	0.7	83.2	74.2
International Avg. (3)	5507	75.9	9.3	71.4	7.9	5.4	3.7	2.2	78.2	73.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Knowing

MN09_09 MN11045: Identify units for length of a pencil - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1102	55.6	50.8	21.6	10.8	8.1	2.6	6.0	48.9	61.9
Morocco	1836	47.0	46.1	28.5	14.8	8.9	1.0	0.8	44.8	48.8
South Africa (5)	2567	43.2	42.1	21.4	23.1	10.8	1.9	0.8	46.7	39.6
International Avg. (3)	5505	48.6	46.4	23.8	16.2	9.3	1.8	2.5	46.8	50.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Knowing
MN09_10 MN11265: Identify the cube - MC - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1102	86.3	4.9	3.7	4.0	78.8	2.2	6.5	88.6	84.0
Morocco	1837	87.5	2.7	3.0	6.5	85.4	1.6	0.8	89.9	85.3
South Africa (5)	2566	52.4	20.9	18.7	6.1	50.3	3.2	0.8	54.5	50.4
International Avg. (3)	5505	75.4	9.5	8.5	5.5	71.5	2.3	2.7	77.7	73.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Reasoning

MN09_11 MN11154: Number of Shape M and Shape N Joe needs - CR - 2 Points

COUNTRY	N	DIFF %	20 %	10 %	11 %	79 %	2pt %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1103	39.0	25.3	8.4	6.7	44.0	25.3	15.1	44.0	8.9	6.6	37.2	40.6
Morocco	1953	40.7	30.2	6.2	5.8	46.7	30.2	12.0	46.7	6.8	4.3	41.5	40.1
South Africa (5)	2575	31.0	19.5	16.0	5.3	56.6	19.5	21.3	56.6	1.6	0.9	35.0	26.9
International Avg. (3)	5631	36.9	25.0	10.2	6.0	49.1	25.0	16.1	49.1	5.8	4.0	37.9	35.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Reasoning

MN09_12 MN11240: Time Duncan needs to leave for school - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1103	36.1	32.0	16.8	17.2	22.6	2.6	8.9	36.2	36.1
Morocco	1815	32.0	31.2	21.4	26.2	18.6	1.8	0.9	30.6	33.3
South Africa (5)	2563	35.4	34.1	22.7	18.7	20.8	2.4	1.3	37.1	33.8
International Avg. (3)	5481	34.5	32.4	20.3	20.7	20.6	2.3	3.7	34.6	34.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN11_01 MN11009: Number with 2 in tens and 8 in thousands - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	62.5	13.9	13.4	59.4	8.3	3.4	1.4	62.9	62.0
Morocco	1960	65.4	10.8	13.6	58.7	6.7	9.7	0.6	67.5	63.5
South Africa (5)	2595	54.3	18.6	12.8	53.2	13.3	2.1	0.0	56.5	52.0
International Avg. (3)	5677	60.7	14.5	13.3	57.1	9.4	5.1	0.7	62.3	59.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN11_02 MN11024: Total pages Linda read - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	35.0	30.7	57.0	30.7	57.0	10.8	1.5	31.8	38.2
Morocco	1960	46.7	43.8	50.1	43.8	50.1	5.5	0.7	48.7	44.8
South Africa (5)	2602	33.1	32.6	66.0	32.6	66.0	1.3	0.0	39.1	27.5
International Avg. (3)	5684	38.2	35.7	57.7	35.7	57.7	5.9	0.7	39.9	36.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN11_03 MN11134: 23 divided by 4 - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	53.8	10.5	50.6	15.4	17.7	4.1	1.7	52.6	55.0
Morocco	1960	59.1	9.1	55.6	13.4	16.1	5.2	0.7	60.0	58.2
South Africa (5)	2597	47.5	12.0	46.0	17.6	21.3	3.1	0.1	49.8	45.4
International Avg. (3)	5679	53.4	10.5	50.7	15.5	18.3	4.1	0.8	54.1	52.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN11_04 MN11212: $512 \times 3 =$ - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	52.2	46.5	42.5	46.5	42.5	9.2	1.8	48.4	56.1
Morocco	1960	68.7	65.1	29.7	65.1	29.7	4.3	0.9	67.7	69.6
South Africa (5)	2602	36.3	35.7	62.6	35.7	62.6	1.4	0.2	39.5	33.5
International Avg. (3)	5684	52.4	49.1	45.0	49.1	45.0	5.0	0.9	51.8	53.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MN11_05 MN11253: Expression for the number of apples Mona has - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	52.4	27.4	49.5	11.4	6.1	3.6	2.0	53.0	51.8
Morocco	1960	50.5	24.3	48.5	14.2	9.0	2.9	1.1	53.2	48.1
South Africa (5)	2597	52.7	18.0	51.6	13.8	14.4	2.0	0.2	57.8	47.8
International Avg. (3)	5679	51.9	23.2	49.9	13.1	9.8	2.8	1.1	54.7	49.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Reasoning

MN11_06 MN11221: Number of people Sharon sees in boats - MC - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	35.6	37.7	12.1	9.7	32.8	5.2	2.5	33.8	37.4
Morocco	1960	32.6	43.0	10.6	10.6	31.0	3.7	1.2	31.6	33.4
South Africa (5)	2598	28.3	41.0	20.1	9.2	27.8	1.5	0.4	30.2	26.6
International Avg. (3)	5680	32.1	40.6	14.3	9.8	30.5	3.5	1.3	31.9	32.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN11_07 MN11146: Write the shaded fraction of the rectangle - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	25.8	22.9	66.0	22.9	66.0	8.4	2.6	25.2	26.4
Morocco	1960	25.1	23.1	68.8	23.1	68.8	6.8	1.3	27.5	22.9
South Africa (5)	2602	26.8	26.5	72.3	26.5	72.3	0.7	0.5	31.4	22.6
International Avg. (3)	5684	25.9	24.2	69.0	24.2	69.0	5.3	1.5	28.0	23.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MN11_08 MN11177: Amount of water to fill up a jar - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	24.6	20.9	64.3	20.9	64.3	11.7	3.0	21.4	27.7
Morocco	1960	18.4	16.6	73.8	16.6	73.8	8.0	1.6	15.7	20.7
South Africa (5)	2602	12.9	12.7	85.6	12.7	85.6	1.3	0.5	13.1	12.8
International Avg. (3)	5684	18.6	16.7	74.6	16.7	74.6	7.0	1.7	16.8	20.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Applying

MN11_09 MN11158: Draw a right angle using line AB - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	47.1	37.2	41.8	37.2	41.8	17.8	3.2	49.6	44.3
Morocco	1960	61.4	57.4	36.1	57.4	36.1	4.5	2.1	59.4	63.2
South Africa (5)	2602	35.0	31.2	58.0	31.2	58.0	10.0	0.7	36.8	33.2
International Avg. (3)	5684	47.8	41.9	45.3	41.9	45.3	10.8	2.0	48.6	46.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MN11_10 MN11002: Amount of money Sue has left after buying juice - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	35.1	32.1	30.2	19.1	9.9	4.9	3.7	32.0	38.4
Morocco	1960	28.2	26.3	34.2	20.1	12.6	4.5	2.2	29.7	26.8
South Africa (5)	2593	27.2	26.6	29.3	23.0	19.0	1.4	0.7	28.3	26.0
International Avg. (3)	5675	30.2	28.3	31.3	20.8	13.8	3.6	2.2	30.0	30.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Knowing

MN11_11A MN11182A: Boxes on a table - tallest - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	79.7	5.4	7.6	75.5	6.3	1.4	3.9	83.2	76.1
Morocco	1959	78.9	3.6	8.9	75.2	7.5	2.5	2.4	83.3	74.9
South Africa (5)	2596	66.7	5.7	9.8	65.3	17.1	1.4	0.7	72.5	61.5
International Avg. (3)	5677	75.1	4.9	8.8	72.0	10.3	1.7	2.3	79.6	70.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Knowing
MN11_11B MN11182B: Boxes on a table - holds the most - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	73.4	4.5	68.2	8.4	11.9	3.0	4.1	74.4	72.4
Morocco	1959	65.5	7.4	61.8	11.0	14.1	3.2	2.5	65.8	65.3
South Africa (5)	2597	56.4	8.8	55.0	15.5	18.2	1.7	0.8	62.8	50.6
International Avg. (3)	5678	65.1	6.9	61.6	11.6	14.7	2.6	2.5	67.6	62.8

Mathematics: Measurement and Geometry / Reasoning

MN11_12 MN11272: Cost of fencing Fred's yard - CR - 2 Points

COUNTRY	N	DIFF %	20 %	10 %	11 %	12 %	79 %	2pt %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1120	10.5	4.8	2.7	0.0	5.1	69.4	4.8	7.7	69.4	13.4	4.7	8.1	13.0
Morocco	1959	17.1	8.6	9.7	0.5	3.5	68.1	8.6	13.7	68.1	6.9	2.7	14.7	19.3
South Africa (5)	2602	16.9	3.9	17.9	0.1	6.5	67.7	3.9	24.5	67.7	2.8	1.0	16.7	17.1
International Avg. (3)	5681	14.8	5.8	10.1	0.2	5.0	68.4	5.8	15.3	68.4	7.7	2.8	13.2	16.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN12_01 MN21066: Smallest four-digit number - MC - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	64.6	18.0	7.9	8.7	63.3	1.7	0.4	56.3	73.1
Morocco	1969	59.0	21.2	6.9	11.8	57.3	2.4	0.5	54.6	63.2
South Africa (5)	2595	58.9	19.1	9.8	11.7	58.2	1.0	0.2	57.8	59.9
International Avg. (3)	5688	60.8	19.4	8.2	10.7	59.6	1.7	0.3	56.2	65.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing
MN12_02 MN21045: Number that is a multiple of 7 - MC - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	44.8	14.3	8.0	31.0	43.2	3.0	0.5	41.9	47.8
Morocco	1969	64.6	9.6	8.4	15.9	62.0	3.6	0.5	65.5	63.8
South Africa (5)	2594	49.5	10.2	7.8	31.8	48.8	1.1	0.2	53.2	46.2
International Avg. (3)	5687	53.0	11.4	8.1	26.2	51.3	2.6	0.4	53.5	52.6

Mathematics: Number / Applying

MN12_03 MN21064: Number of cards for Noni's photos - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	31.3	14.0	17.5	30.4	35.0	2.5	0.6	30.1	32.6
Morocco	1970	27.8	18.2	16.4	27.1	35.6	2.2	0.5	29.7	26.1
South Africa (5)	2596	30.2	15.5	19.6	29.7	33.6	1.3	0.2	30.9	29.6
International Avg. (3)	5690	29.8	15.9	17.8	29.1	34.7	2.0	0.4	30.3	29.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Reasoning

MN12_04 MN21051: Numbers of markers and pencils in boxes - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1125	40.1	38.5	57.4	38.5	57.4	3.0	1.1	37.7	42.6
Morocco	1970	29.6	28.0	66.7	28.0	66.7	4.6	0.6	28.0	31.1
South Africa (5)	2596	27.4	27.0	71.6	27.0	71.6	1.2	0.2	29.9	25.2
International Avg. (3)	5691	32.4	31.2	65.2	31.2	65.2	3.0	0.6	31.9	33.0

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN12_05 MN21054: Value of M when $4 + 4 + M = 12$ - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	82.4	79.7	12.6	2.0	2.4	2.1	1.2	83.9	81.0
Morocco	1970	76.1	72.0	12.5	6.3	3.8	4.6	0.9	77.8	74.5
South Africa (5)	2593	80.0	78.0	10.1	4.4	5.0	2.3	0.2	83.4	76.9
International Avg. (3)	5687	79.5	76.6	11.7	4.2	3.7	3.0	0.8	81.7	77.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Reasoning

MN12_06 MN21025: Complete table that uses Jim's rule - CR - 2 Points

COUNTRY	N	DIFF %	20 %	10 %	79 %	2pt %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1123	47.1	35.7	12.7	40.9	35.7	12.7	40.9	9.4	1.3	48.6	45.5
Morocco	1970	41.4	31.8	10.4	47.2	31.8	10.4	47.2	9.3	1.2	40.7	42.0
South Africa (5)	2597	33.2	26.3	11.6	58.9	26.3	11.6	58.9	2.9	0.3	35.5	31.2
International Avg. (3)	5690	40.5	31.3	11.6	49.0	31.3	11.6	49.0	7.2	1.0	41.6	39.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Knowing

MN12_07 MN21038: Possible weight of fourth grade student - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1123	54.1	27.2	51.4	9.6	6.7	3.4	1.7	51.7	56.6
Morocco	1970	49.6	27.1	46.7	10.3	10.0	4.1	1.7	47.5	51.6
South Africa (5)	2591	38.8	20.3	37.7	18.1	21.1	2.4	0.4	37.9	39.5
International Avg. (3)	5684	47.5	24.9	45.3	12.7	12.6	3.3	1.3	45.7	49.3

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Applying
MN12_08 MN21043: Length of side M of triangle - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	25.7	22.9	66.1	22.9	66.1	8.6	2.4	24.2	27.3
Morocco	1970	24.3	22.4	69.7	22.4	69.7	5.7	2.1	23.1	25.4
South Africa (5)	2596	20.1	19.6	78.1	19.6	78.1	1.9	0.4	21.8	18.6
International Avg. (3)	5690	23.4	21.6	71.3	21.6	71.3	5.4	1.6	23.1	23.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent
Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Knowing

MN12_09 MN21030: Same figure after a half turn - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	49.5	19.4	9.0	44.5	17.1	6.9	3.2	53.2	45.8
Morocco	1969	48.1	21.4	13.0	42.9	11.9	8.2	2.7	48.5	47.7
South Africa (5)	2564	35.2	12.6	15.9	31.8	29.9	9.3	0.5	37.1	33.7
International Avg. (3)	5657	44.3	17.8	12.6	39.7	19.6	8.1	2.1	46.3	42.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Applying
MN12_10 MN21032: Complete trapezoid with line of symmetry - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	66.1	56.7	29.1	56.7	29.1	10.6	3.6	71.9	59.6
Morocco	1969	72.2	67.2	25.9	67.2	25.9	3.9	3.0	74.5	70.0
South Africa (5)	2597	49.5	45.8	46.7	45.8	46.7	6.9	0.6	48.8	50.4
International Avg. (3)	5690	62.6	56.6	33.9	56.6	33.9	7.1	2.4	65.0	60.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent
Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Knowing

MN12_11 MN21053: Table of heights of four mountains - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	68.6	16.8	63.6	8.3	4.0	3.5	3.8	65.3	72.0
Morocco	1965	58.7	20.7	55.2	13.8	4.3	2.9	3.1	53.8	63.3
South Africa (5)	2593	50.9	25.9	49.9	15.3	6.8	1.5	0.6	50.4	51.7
International Avg. (3)	5682	59.4	21.1	56.2	12.5	5.0	2.6	2.5	56.5	62.3

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Applying

MN12_12A MN21010A: Number of people planes can hold - diamond - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	73.9	66.6	10.4	5.6	7.6	5.3	4.5	73.2	74.5
Morocco	1970	70.8	65.7	11.6	8.2	7.3	3.5	3.7	71.4	70.2
South Africa (5)	2582	60.5	55.5	9.0	8.4	18.7	7.4	0.9	60.0	61.4
International Avg. (3)	5676	68.4	62.6	10.3	7.4	11.2	5.4	3.1	68.2	68.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Reasoning

MN12_12B MN21010B: Number of people planes can hold - star - CR - 1 Point

COUNTRY	N	DIFF %	10 %	70 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	10.9	9.6	23.6	54.6	9.6	78.2	7.2	5.1	10.4	11.3
Morocco	1970	1.7	1.6	20.0	71.4	1.6	91.4	2.6	4.5	1.8	1.5
South Africa (5)	2596	7.2	6.4	17.0	65.6	6.4	82.6	9.7	1.3	8.5	5.9
International Avg. (3)	5690	6.6	5.9	20.2	63.9	5.9	84.0	6.5	3.6	6.9	6.3

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Reasoning

MN12_13 MN21059: Pictograph of songs on albums - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1121	26.2	22.1	62.2	22.1	62.2	10.1	5.6	26.6	25.6
Morocco	1970	26.0	22.1	63.1	22.1	63.1	10.1	4.7	26.0	25.9
South Africa (5)	2596	21.5	20.7	75.3	20.7	75.3	2.1	1.9	22.7	20.6
International Avg. (3)	5687	24.6	21.6	66.9	21.6	66.9	7.4	4.1	25.1	24.0

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing
MN13_01 MN11017: 47 + 25 = - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1121	60.9	57.9	37.2	57.9	37.2	3.5	1.4	57.6	64.1
Morocco	1956	74.2	72.9	25.3	72.9	25.3	1.6	0.2	75.4	73.1
South Africa (5)	2616	64.3	63.8	35.5	63.8	35.5	0.3	0.3	68.2	60.5
International Avg. (3)	5693	66.5	64.9	32.7	64.9	32.7	1.8	0.7	67.1	65.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent
Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN13_02 MN11125: 45 divided by 3 - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1121	43.3	38.6	50.6	38.6	50.6	9.4	1.4	41.6	45.1
Morocco	1956	39.4	36.3	55.8	36.3	55.8	7.6	0.3	40.3	38.5
South Africa (5)	2616	29.1	28.7	70.1	28.7	70.1	0.9	0.3	31.9	26.5
International Avg. (3)	5693	37.2	34.5	58.8	34.5	58.8	6.0	0.7	37.9	36.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing
MN13_03 MN11077: Jana writes number of days at school - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1121	32.4	31.1	65.1	31.1	65.1	2.3	1.5	36.2	28.4
Morocco	1956	42.4	41.2	55.9	41.2	55.9	2.3	0.6	44.1	40.9
South Africa (5)	2614	24.8	24.3	73.6	24.3	73.6	1.8	0.3	30.5	19.3
International Avg. (3)	5691	33.2	32.2	64.8	32.2	64.8	2.2	0.8	36.9	29.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent
Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Knowing

MN13_04A MN11047A: Choice of flowers graph - least chosen - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1121	68.8	14.2	6.7	63.2	7.9	6.2	1.9	71.6	65.6
Morocco	1956	71.4	6.8	8.1	69.1	12.8	2.4	0.9	76.1	67.1
South Africa (5)	2613	69.0	5.9	6.9	68.0	17.7	1.2	0.3	76.5	61.7
International Avg. (3)	5690	69.7	8.9	7.2	66.8	12.8	3.2	1.0	74.7	64.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Knowing

MN13_04B MN11047B: Choice of flowers graph - more often than Iris - MC - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1121	68.4	8.9	9.7	9.9	61.7	7.7	2.1	71.1	65.4
Morocco	1956	69.4	5.3	14.3	9.3	65.8	4.1	1.3	73.4	65.8
South Africa (5)	2611	58.4	14.0	16.9	10.0	57.3	1.5	0.4	65.0	52.1
International Avg. (3)	5688	65.4	9.4	13.6	9.7	61.6	4.4	1.2	69.9	61.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Reasoning

MN13_05 MN11223: Emma buys and sells chickens - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	28.1	26.3	67.4	26.3	67.4	4.2	2.1	31.5	24.6
Morocco	1956	26.4	25.6	71.4	25.6	71.4	1.6	1.4	29.2	23.9
South Africa (5)	2617	21.9	21.4	76.6	21.4	76.6	1.6	0.4	25.3	18.6
International Avg. (3)	5697	25.5	24.5	71.8	24.5	71.8	2.4	1.3	28.7	22.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN13_06 MN11034: Identify the figure that is 3/4 shaded - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	27.3	34.7	24.1	24.3	5.2	9.5	2.2	28.5	26.0
Morocco	1956	30.6	34.5	26.7	18.4	7.6	11.1	1.8	29.0	32.1
South Africa (5)	2591	30.0	27.4	27.3	29.3	7.0	8.6	0.4	33.6	26.3
International Avg. (3)	5671	29.3	32.2	26.0	24.0	6.6	9.8	1.5	30.4	28.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MN13_07 MN11175: Total length of Jen's strip of paper - CR - 1 Point

COUNTRY	N	DIFF %	10 %	70 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	40.2	34.1	11.3	39.4	34.1	50.7	12.5	2.7	39.7	40.6
Morocco	1956	42.9	39.0	4.8	47.1	39.0	51.8	7.0	2.1	41.6	44.1
South Africa (5)	2617	33.4	32.5	7.2	57.7	32.5	64.9	2.1	0.5	37.0	29.9
International Avg. (3)	5697	38.8	35.2	7.8	48.0	35.2	55.8	7.2	1.8	39.4	38.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Knowing
MN13_08 MN11262: Identify the square - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	35.0	32.5	36.0	20.7	3.7	4.1	3.1	36.5	33.6
Morocco	1955	60.7	55.8	23.4	10.4	2.3	5.8	2.3	60.1	61.3
South Africa (5)	2597	27.5	25.7	27.2	35.3	5.3	5.9	0.6	26.6	28.4
International Avg. (3)	5674	41.1	38.0	28.9	22.1	3.8	5.2	2.0	41.1	41.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Applying

MN13_09 MN11239: Estimate the distance from B to C on a line - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1122	35.0	15.4	32.0	30.6	13.3	5.6	3.1	38.0	32.1
Morocco	1955	35.8	18.5	33.6	26.5	15.4	3.7	2.3	37.2	34.5
South Africa (5)	2610	32.1	11.8	31.2	36.5	17.9	2.1	0.6	34.6	29.7
International Avg. (3)	5687	34.3	15.2	32.3	31.2	15.5	3.8	2.0	36.6	32.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Applying
MN13_10 MN11202: Distance around the triangle - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1118	45.4	39.0	46.9	39.0	46.9	9.8	4.3	44.3	46.6
Morocco	1956	57.6	54.1	39.8	54.1	39.8	3.4	2.7	56.1	59.0
South Africa (5)	2616	45.4	44.6	53.7	44.6	53.7	1.1	0.7	47.1	43.9
International Avg. (3)	5690	49.5	45.9	46.8	45.9	46.8	4.8	2.6	49.2	49.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent
Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Applying

MN13_11 MN11299: Total time Vijay spent on the bus - CR - 1 Point

COUNTRY	N	DIFF %	10 %	11 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1118	46.7	34.8	5.4	45.9	40.3	45.9	6.4	7.4	42.7	51.0
Morocco	1955	28.8	18.3	6.3	60.7	24.5	60.7	10.7	4.1	24.9	32.1
South Africa (5)	2616	32.4	20.8	10.7	65.7	31.5	65.7	1.7	1.1	35.4	29.6
International Avg. (3)	5689	36.0	24.6	7.5	57.4	32.1	57.4	6.3	4.2	34.4	37.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN14_01 MN21049: Two factors of 20 - CR - 2 Points

COUNTRY	N	DIFF %	20 %	10 %	79 %	2pt %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1126	52.4	26.1	35.8	22.1	26.1	35.8	22.1	15.3	0.6	52.3	52.2
Morocco	1956	61.0	40.2	28.7	20.6	40.2	28.7	20.6	10.0	0.6	61.0	60.9
South Africa (5)	2612	50.6	28.4	42.2	27.3	28.4	42.2	27.3	2.1	0.0	53.6	47.5
International Avg. (3)	5694	54.6	31.6	35.6	23.3	31.6	35.6	23.3	9.1	0.4	55.6	53.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Reasoning

MN14_02 MN21050: Value of triangle when $3 + \text{triangle} = \text{odd number}$ - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1126	72.5	63.6	24.2	63.6	24.2	11.3	0.9	74.8	69.9
Morocco	1956	47.4	41.2	45.7	41.2	45.7	12.2	1.0	47.6	47.2
South Africa (5)	2614	38.7	38.0	60.1	38.0	60.1	1.8	0.0	39.3	38.3
International Avg. (3)	5696	52.9	47.6	43.3	47.6	43.3	8.4	0.6	53.9	51.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Reasoning

MN14_03 MN21065: Three steps starting with 5 to find answer - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1128	49.5	46.1	15.8	15.1	16.1	5.9	1.0	49.6	49.1
Morocco	1956	39.2	37.1	22.2	16.2	19.3	4.1	1.1	40.8	37.8
South Africa (5)	2610	45.6	44.6	20.7	16.4	16.1	2.1	0.0	50.0	41.3
International Avg. (3)	5694	44.8	42.6	19.6	15.9	17.2	4.0	0.7	46.8	42.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MN14_04 MN21014: Value for m when $m \times 3 = 12$ - CR - 1 Point

COUNTRY	N	DIFF %	10 %	70 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1128	75.8	69.0	0.6	21.4	69.0	22.0	7.9	1.2	75.6	75.9
Morocco	1956	78.7	73.9	0.0	20.0	73.9	20.0	4.8	1.3	80.3	77.3
South Africa (5)	2613	52.0	51.3	0.1	47.3	51.3	47.4	1.2	0.0	55.4	48.5
International Avg. (3)	5697	68.8	64.7	0.2	29.6	64.7	29.8	4.7	0.8	70.4	67.3

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MN14_05 MN21019: Expression for Molly's gemstones - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1128	68.8	17.8	4.4	63.5	6.7	6.3	1.4	67.4	70.2
Morocco	1956	70.5	12.9	5.5	67.5	9.8	2.6	1.7	66.9	73.7
South Africa (5)	2608	56.0	21.0	7.3	54.1	14.3	3.2	0.1	56.1	55.8
International Avg. (3)	5692	65.1	17.2	5.7	61.7	10.3	4.0	1.1	63.5	66.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MN14_06 MN21024: Odin's rule for IN and OUT table - MC - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1126	34.7	30.1	17.1	12.4	31.7	6.6	2.2	33.9	35.4
Morocco	1956	30.8	30.4	14.4	20.2	28.9	4.1	2.1	31.5	30.2
South Africa (5)	2611	29.7	26.6	22.2	20.4	29.2	1.3	0.3	30.4	29.0
International Avg. (3)	5693	31.7	29.0	17.9	17.7	29.9	4.0	1.5	31.9	31.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Knowing

MN14_07 MN21035: Longest metric unit of length - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1126	57.8	10.9	53.1	20.0	7.9	5.8	2.4	56.8	58.8
Morocco	1956	44.3	13.0	41.5	25.3	14.0	3.8	2.5	40.0	48.0
South Africa (5)	2606	58.0	7.8	56.5	12.8	20.4	2.2	0.4	61.4	54.4
International Avg. (3)	5688	53.3	10.5	50.4	19.3	14.1	3.9	1.7	52.7	53.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Knowing

MN14_08 MN21039: Unit in measuring volume of fish tank - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1125	48.9	12.7	16.2	45.3	18.5	5.0	2.4	45.1	53.1
Morocco	1956	48.2	11.3	23.0	45.3	14.4	3.4	2.6	50.3	46.4
South Africa (5)	2612	51.9	14.4	19.0	50.9	13.8	1.5	0.4	51.3	52.5
International Avg. (3)	5693	49.7	12.8	19.4	47.2	15.6	3.3	1.8	48.9	50.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Applying

MN14_09 MN21062: Table of number of faces of closed box - CR - 1 Point

COUNTRY	N	DIFF %	10 %	70 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	54.7	46.1	12.6	25.5	46.1	38.1	13.1	2.8	55.2	54.3
Morocco	1956	60.6	53.7	11.8	23.2	53.7	35.0	7.6	3.8	62.1	59.2
South Africa (5)	2614	59.9	57.5	17.0	21.6	57.5	38.5	3.5	0.5	60.1	59.6
International Avg. (3)	5694	58.4	52.4	13.8	23.4	52.4	37.2	8.0	2.4	59.2	57.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Applying

MN14_10 MN21057: Pair of lines that are parallel (DERIVED) - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	20.8	17.6	66.8	17.6	66.8	12.2	3.5	21.9	19.2
Morocco	1954	36.5	33.1	57.6	33.1	57.6	5.0	4.4	37.2	35.8
South Africa (5)	2615	23.5	20.9	68.1	20.9	68.1	10.2	0.7	26.4	20.5
International Avg. (3)	5693	26.9	23.9	64.2	23.9	64.2	9.1	2.8	28.5	25.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Applying
MN14_10A MN21057A: Pair of lines that are parallel - a and b - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	83.7	67.8	13.2	15.6	3.5	84.3	82.9
Morocco	1954	76.6	66.3	20.2	9.2	4.4	77.0	76.3
South Africa (5)	2615	73.6	60.9	21.9	16.5	0.7	73.6	73.6
International Avg. (3)	5693	78.0	65.0	18.4	13.7	2.8	78.3	77.6

Mathematics: Measurement and Geometry / Applying

MN14_10B MN21057B: Pair of lines that are parallel - a and c - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	79.8	15.4	60.9	20.3	3.5	81.4	78.1
Morocco	1954	72.9	22.7	61.1	11.8	4.4	74.5	71.6
South Africa (5)	2615	64.5	28.4	51.5	19.4	0.7	67.3	61.7
International Avg. (3)	5693	72.4	22.2	57.9	17.2	2.8	74.4	70.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Applying

MN14_10C MN21057C: Pair of lines that are parallel - b and d - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	73.0	20.0	54.2	22.4	3.5	76.4	69.3
Morocco	1954	66.7	27.3	54.5	13.8	4.4	65.6	67.5
South Africa (5)	2615	60.1	31.4	47.2	20.7	0.7	62.2	57.9
International Avg. (3)	5693	66.6	26.2	52.0	19.0	2.8	68.1	64.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Applying
MN14_10D MN21057D: Pair of lines that are parallel - d and e - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	42.8	32.5	43.4	20.7	3.5	43.9	41.2
Morocco	1954	65.7	54.4	28.4	12.9	4.4	66.7	64.9
South Africa (5)	2615	62.0	48.9	30.0	20.5	0.7	62.1	62.0
International Avg. (3)	5693	56.8	45.2	33.9	18.0	2.8	57.6	56.0

Mathematics: Data / Knowing

MN14_11 MN21063: Time Anika's shop has the most customers - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1118	65.2	9.4	59.9	9.3	13.2	3.5	4.7	67.6	62.5
Morocco	1956	58.3	7.5	53.9	13.8	17.2	2.3	5.2	61.4	55.6
South Africa (5)	2605	51.4	10.0	50.2	20.3	17.2	1.6	0.8	55.8	47.1
International Avg. (3)	5679	58.3	9.0	54.7	14.5	15.9	2.5	3.6	61.6	55.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Reasoning

MN14_12 MN21005: Bar graph of fish seen in a lake - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1118	42.3	33.7	46.1	33.7	46.1	14.9	5.3	41.6	42.6
Morocco	1956	26.9	22.5	61.2	22.5	61.2	10.8	5.5	31.0	23.2
South Africa (5)	2614	27.8	26.5	68.8	26.5	68.8	3.7	1.1	31.7	23.8
International Avg. (3)	5688	32.3	27.6	58.7	27.6	58.7	9.8	4.0	34.7	29.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Knowing

MN14_13A MN21012A: Heights of zoo animals - shortest and tallest - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1124	74.3	64.3	22.2	64.3	22.2	6.8	6.7	71.7	76.9
Morocco	1954	57.5	51.9	38.3	51.9	38.3	3.1	6.7	58.1	57.1
South Africa (5)	2614	40.0	38.6	57.8	38.6	57.8	2.2	1.4	47.2	32.7
International Avg. (3)	5692	57.3	51.6	39.5	51.6	39.5	4.0	4.9	59.0	55.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Applying

MN14_13B MN21012B: Heights of zoo animals - twice Zoya's height - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1125	39.6	21.4	34.7	21.8	9.7	4.3	8.2	38.1	41.1
Morocco	1953	33.2	22.9	28.9	21.8	13.4	5.1	7.7	31.4	34.7
South Africa (5)	2598	37.4	24.9	35.9	25.5	9.7	2.4	1.6	38.2	36.5
International Avg. (3)	5676	36.7	23.1	33.2	23.0	11.0	4.0	5.8	35.9	37.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MP08_01 MP71018: Seeds left over - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1101	25.4	35.8	20.5	24.0	14.3	4.3	1.2	22.7	28.0
Morocco	1919	30.8	31.1	20.2	29.7	15.4	2.3	1.2	29.3	32.3
South Africa (5)	2589	28.7	38.4	17.5	28.0	13.7	1.9	0.5	31.1	26.5
International Avg. (3)	5609	28.3	35.1	19.4	27.2	14.5	2.8	1.0	27.7	28.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MP08_02 MP71009: Number added to 73 with sum of 1068 - CR - 1 Point

COUNTRY	N	DIFF %	10 %	70 %	71 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1100	20.6	16.7	4.1	1.9	58.4	16.7	64.4	17.5	1.5	15.8	25.4
Morocco	1952	22.1	18.5	5.3	0.8	59.2	18.5	65.2	14.5	1.7	19.1	25.2
South Africa (5)	2587	6.4	6.1	10.0	0.7	78.3	6.1	89.0	4.3	0.6	7.9	4.9
International Avg. (3)	5639	16.4	13.8	6.4	1.1	65.3	13.8	72.9	12.1	1.3	14.3	18.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MP08_03 MP71037: Make the number sentence true - $A \times B = 13 - C$ - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1100	28.5	25.0	62.6	25.0	62.6	10.4	2.0	29.6	27.4
Morocco	1952	34.7	31.1	58.4	31.1	58.4	8.3	2.2	32.3	37.3
South Africa (5)	2593	16.7	16.2	80.4	16.2	80.4	2.5	1.0	17.0	16.6
International Avg. (3)	5645	26.7	24.1	67.1	24.1	67.1	7.1	1.7	26.3	27.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MP08_04 MP71051: Amount of time practicing piano - CR - 1 Point

COUNTRY	N	DIFF %	10 %	70 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1099	5.0	4.6	58.8	27.8	4.6	86.6	6.5	2.2	3.6	6.6
Morocco	1952	6.8	6.2	49.6	35.6	6.2	85.2	6.2	2.4	6.2	7.4
South Africa (5)	2592	7.4	7.2	54.7	34.9	7.2	89.6	2.2	1.1	8.1	6.8
International Avg. (3)	5643	6.4	6.0	54.4	32.8	6.0	87.1	5.0	1.9	6.0	6.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MP08_05 MP71064: Number equal to 8 tens and 2 tenths - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1099	35.8	19.6	32.7	27.0	12.0	6.2	2.6	35.8	35.9
Morocco	1907	32.6	13.4	30.8	40.9	9.3	3.0	2.6	32.2	33.0
South Africa (5)	2587	27.6	38.8	26.7	24.1	7.1	2.0	1.2	26.3	28.8
International Avg. (3)	5593	32.0	23.9	30.1	30.6	9.5	3.7	2.1	31.5	32.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Knowing

MP08_06 MP71169: Water drank from water bottle - CR - 1 Point

COUNTRY	N	DIFF %	10 %	70 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1097	10.0	9.1	14.7	67.2	9.1	81.9	6.0	3.0	6.0	14.3
Morocco	1952	11.1	10.3	10.0	72.8	10.3	82.8	4.0	2.9	8.8	13.3
South Africa (5)	2592	5.7	5.6	11.1	80.9	5.6	92.0	1.1	1.3	4.6	6.9
International Avg. (3)	5641	8.9	8.3	11.9	73.6	8.3	85.6	3.7	2.4	6.5	11.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Reasoning

MP08_07 MP71083: Movie that Terry is available to see - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1101	31.5	23.2	23.6	27.4	12.6	9.7	3.5	29.9	33.3
Morocco	1863	35.3	17.2	24.1	31.6	16.6	6.6	3.9	31.5	39.3
South Africa (5)	2569	31.7	18.4	25.6	29.3	19.2	5.8	1.8	30.8	32.7
International Avg. (3)	5533	32.8	19.6	24.4	29.4	16.1	7.4	3.0	30.7	35.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Measurement and Geometry / Reasoning

MP08_09 MP71184: Length of sides of 6-sided figure - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1102	32.8	16.8	28.3	23.5	17.6	8.9	4.8	33.2	32.6
Morocco	1908	30.8	15.2	28.0	23.3	24.4	4.0	5.1	31.4	30.3
South Africa (5)	2581	28.1	19.9	26.7	22.9	25.3	3.1	2.2	24.4	31.8
International Avg. (3)	5591	30.6	17.3	27.7	23.2	22.4	5.3	4.0	29.6	31.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Reasoning

MP08_10 MP71141: Questions about soccer teams (DERIVED) - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1103	19.0	12.0	51.1	12.0	51.1	31.2	5.8	16.1	22.1
Morocco	1570	24.8	20.4	62.1	20.4	62.1	9.9	7.6	22.9	26.7
South Africa (5)	2593	13.1	9.6	63.8	9.6	63.8	24.1	2.5	13.5	12.7
International Avg. (3)	5266	18.9	14.0	59.0	14.0	59.0	21.7	5.3	17.5	20.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Reasoning

MP08_10A MP71141A: Questions about soccer teams - Lions won - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1103	90.3	54.7	5.9	33.6	5.8	87.4	93.3
Morocco	1670	85.6	70.0	11.8	11.2	7.1	85.5	85.7
South Africa (5)	2593	82.8	57.9	12.0	27.6	2.5	86.1	79.5
International Avg. (3)	5366	86.2	60.9	9.9	24.1	5.1	86.3	86.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Reasoning

MP08_10B MP71141B: Questions about soccer teams - won first two games - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1103	58.7	22.6	32.2	39.4	5.8	56.0	61.9
Morocco	1643	58.5	32.6	45.9	14.3	7.2	57.9	59.1
South Africa (5)	2593	53.1	32.0	36.2	29.4	2.5	53.7	52.4
International Avg. (3)	5339	56.8	29.1	38.1	27.7	5.1	55.9	57.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Reasoning

MP08_10C MP71141C: Questions about soccer teams - Cheetahs and Panthers - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1103	41.7	30.5	21.9	41.8	5.8	40.0	43.2
Morocco	1634	49.2	39.8	38.5	14.5	7.2	45.8	52.7
South Africa (5)	2593	36.7	42.9	24.9	29.7	2.5	34.9	38.5
International Avg. (3)	5330	42.5	37.7	28.4	28.7	5.2	40.2	44.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Reasoning
MP08_10D MP71141D: Questions about soccer teams - won more than lost - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1103	74.9	39.5	13.2	41.5	5.8	73.0	76.7
Morocco	1619	65.8	51.1	26.6	15.0	7.3	67.2	64.4
South Africa (5)	2593	66.8	44.3	22.1	31.1	2.5	69.7	64.2
International Avg. (3)	5315	69.2	45.0	20.6	29.2	5.2	69.9	68.5

Mathematics: Data / Applying

MP08_11 MP71194: Graph of weather last month - CR - 1 Point

COUNTRY	N	DIFF %	10 %	70 %	71 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1103	56.9	47.4	5.0	3.7	27.1	47.4	35.8	8.4	8.4	57.9	56.2
Morocco	1952	69.9	59.6	1.5	2.6	21.5	59.6	25.6	6.9	7.8	70.6	69.3
South Africa (5)	2592	57.7	54.3	4.1	4.8	30.8	54.3	39.8	2.1	3.8	64.5	51.0
International Avg. (3)	5647	61.5	53.8	3.5	3.7	26.5	53.8	33.7	5.8	6.7	64.3	58.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Applying

MP08_12 MP71193: Birdhouses (DERIVED) - CR - 2 Points

COUNTRY	N	DIFF %	20 %	10 %	11 %	79 %	2pt %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1103	22.1	13.4	4.1	5.0	58.6	13.4	9.1	58.6	9.1	9.8	21.1	23.2
Morocco	1952	22.2	13.3	2.9	6.7	58.5	13.3	9.6	58.5	9.2	9.5	20.8	23.7
South Africa (5)	2580	19.3	11.5	4.4	8.3	68.2	11.5	12.7	68.2	3.3	4.2	22.3	16.6
International Avg. (3)	5635	21.2	12.7	3.8	6.7	61.8	12.7	10.5	61.8	7.2	7.8	21.4	21.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Applying

MP08_12A MP71193A: Birdhouses - number each symbol represents - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1103	21.8	17.5	62.8	17.5	62.8	10.0	9.8	19.7	23.9
Morocco	1952	20.3	16.1	63.2	16.1	63.2	11.1	9.5	17.9	22.9
South Africa (5)	2589	17.2	15.9	76.3	15.9	76.3	3.6	4.2	19.5	15.2
International Avg. (3)	5644	19.8	16.5	67.4	16.5	67.4	8.2	7.8	19.0	20.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Applying

MP08_12B MP71193B: Birdhouses - pictograph for Type C - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1103	23.2	18.4	60.9	18.4	60.9	10.9	9.8	23.1	23.3
Morocco	1952	25.3	20.0	59.1	20.0	59.1	11.4	9.5	25.0	25.6
South Africa (5)	2584	21.5	19.8	72.2	19.8	72.2	3.7	4.2	25.2	18.1
International Avg. (3)	5639	23.3	19.4	64.1	19.4	64.1	8.7	7.8	24.5	22.3

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Data / Applying

MP08_13 MP71192: Graph of monthly rainfall - CR - 2 Points

COUNTRY	N	DIFF %	20 %	10 %	79 %	2pt %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1102	17.6	10.3	2.3	52.2	10.3	2.3	52.2	22.0	13.2	16.3	19.1
Morocco	1952	27.6	17.9	4.9	51.0	17.9	4.9	51.0	13.3	12.9	26.5	28.6
South Africa (5)	2594	3.8	1.7	2.1	69.7	1.7	2.1	69.7	20.3	6.2	3.6	4.0
International Avg. (3)	5648	16.3	10.0	3.1	57.6	10.0	3.1	57.6	18.5	10.8	15.5	17.3

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MP13_01 MP61240: Place value expansion (DERIVED) - CR - 1 Point

COUNTRY	N	DIFF %	10 %	70 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1109	15.8	14.1	37.2	38.1	14.1	75.2	9.7	0.9	9.3	22.8
Morocco	1959	17.8	17.0	41.7	36.6	17.0	78.3	4.1	0.6	16.4	19.1
South Africa (5)	2606	11.5	10.2	33.1	44.9	10.2	78.0	11.8	0.0	11.2	12.0
International Avg. (3)	5674	15.0	13.8	37.3	39.9	13.8	77.2	8.5	0.5	12.3	18.0

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing
MP13_01A MP61240A: Place value expansion - 3h + 58o - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1109	74.1	64.4	22.5	12.2	0.9	69.4	79.3
Morocco	1959	73.1	67.2	24.7	7.5	0.6	69.4	76.5
South Africa (5)	2606	57.8	49.0	35.7	15.3	0.0	55.1	60.8
International Avg. (3)	5674	68.4	60.2	27.6	11.7	0.5	64.7	72.2

Mathematics: Number / Knowing

MP13_01B MP61240B: Place value expansion - $3h + 4t + 18o$ - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1109	30.3	25.5	58.6	15.0	0.9	25.5	35.7
Morocco	1959	33.2	30.5	61.3	7.5	0.6	32.2	34.1
South Africa (5)	2606	28.8	23.9	59.0	17.1	0.0	26.5	31.3
International Avg. (3)	5674	30.8	26.6	59.6	13.2	0.5	28.1	33.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Knowing

MP13_01C MP61240C: Place value expansion - $3h + 15t + 8o$ - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1109	69.4	25.5	57.9	15.7	0.9	62.0	77.7
Morocco	1959	73.3	24.0	65.9	9.5	0.6	72.9	73.7
South Africa (5)	2606	69.2	25.6	57.4	17.0	0.0	71.4	67.1
International Avg. (3)	5674	70.6	25.0	60.4	14.1	0.5	68.7	72.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College

Mathematics: Number / Applying

MP13_02 MP61254: Complete the table for Mia's input-output game - CR - 1 Point

COUNTRY	N	DIFF %	10 %	70 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1109	35.8	30.2	13.4	40.7	30.2	54.1	14.2	1.5	37.2	34.4
Morocco	1959	38.0	34.7	21.0	35.5	34.7	56.5	7.9	1.0	40.4	36.1
South Africa (5)	2604	22.1	21.6	12.0	64.0	21.6	76.0	2.5	0.0	26.4	18.1
International Avg. (3)	5672	32.0	28.8	15.5	46.7	28.8	62.2	8.2	0.8	34.6	29.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

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Mathematics: Number / Reasoning
MP13_03 MP61244: Choose true statement about 2 and 3 digit numbers - MC - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1104	44.4	18.9	20.2	40.4	11.4	7.1	2.0	41.4	47.4
Morocco	1959	51.1	14.5	17.4	46.6	12.8	7.5	1.3	49.8	52.2
South Africa (5)	2592	34.1	19.2	23.9	33.1	20.7	3.0	0.0	34.8	33.7
International Avg. (3)	5655	43.2	17.5	20.5	40.0	15.0	5.9	1.1	42.0	44.4

Mathematics: Number / Knowing

MP13_04 MP61041: Identify number between 1.4 and 1.78 - MC - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1105	38.5	13.2	35.1	19.6	23.3	6.5	2.3	32.9	44.2
Morocco	1959	36.8	14.9	33.7	19.5	23.4	6.8	1.7	34.9	38.4
South Africa (5)	2593	26.4	19.8	25.8	16.5	35.7	2.0	0.2	25.9	27.0
International Avg. (3)	5657	33.9	16.0	31.5	18.5	27.5	5.1	1.4	31.2	36.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

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Mathematics: Number / Knowing

MP13_05 MP61173: Find the value of w in number sentence - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1105	35.2	29.3	53.8	29.3	53.8	14.6	2.3	33.2	37.3
Morocco	1959	35.4	31.0	56.6	31.0	56.6	10.7	1.7	33.8	36.7
South Africa (5)	2604	34.2	33.7	64.9	33.7	64.9	1.1	0.3	37.0	31.5
International Avg. (3)	5668	34.9	31.3	58.5	31.3	58.5	8.8	1.4	34.6	35.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

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Mathematics: Number / Applying

MP13_06 MP61252: Expression to find number of books Luke read - MC - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1105	15.6	25.7	13.0	39.6	14.5	4.3	3.0	15.9	15.4
Morocco	1959	25.3	22.8	14.1	33.1	23.7	3.5	2.8	27.6	23.3
South Africa (5)	2591	20.2	25.6	13.3	38.4	19.6	2.9	0.2	20.8	19.9
International Avg. (3)	5655	20.4	24.7	13.5	37.0	19.3	3.6	2.0	21.4	19.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

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Mathematics: Number / Applying

MP13_07 MP61261: Find the next number for Ian's number pattern - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1105	19.0	16.0	67.9	16.0	67.9	13.0	3.1	17.6	20.4
Morocco	1959	18.3	15.7	69.9	15.7	69.9	11.4	3.0	19.2	17.6
South Africa (5)	2602	15.9	15.4	81.9	15.4	81.9	2.3	0.3	18.3	13.6
International Avg. (3)	5666	17.7	15.7	73.3	15.7	73.3	8.9	2.1	18.4	17.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

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Mathematics: Measurement and Geometry / Applying

MP13_08 MP61224: Draw angle MNP larger than a right angle - CR - 1 Point

COUNTRY	N	DIFF %	10 %	12 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1105	25.2	18.2	0.8	56.7	19.1	56.7	20.4	3.8	24.3	26.2
Morocco	1959	24.0	20.3	1.3	68.4	21.6	68.4	5.8	4.2	26.9	21.6
South Africa (5)	2603	12.9	10.2	1.7	80.2	11.9	80.2	7.3	0.5	13.8	12.2
International Avg. (3)	5667	20.7	16.3	1.3	68.4	17.5	68.4	11.2	2.8	21.7	20.0

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

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Mathematics: Measurement and Geometry / Reasoning
MP13_09 MP61077: View of building from above - MC - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1105	25.5	22.7	14.0	48.8	3.8	6.7	4.1	21.8	29.2
Morocco	1959	20.2	17.3	17.5	46.3	4.5	9.9	4.4	19.0	21.2
South Africa (5)	2595	27.4	26.0	22.0	41.0	6.0	4.5	0.6	26.8	27.9
International Avg. (3)	5659	24.4	22.0	17.8	45.3	4.8	7.0	3.0	22.6	26.1

Mathematics: Data / Knowing

MP13_10A MP61069A: Time for Ahmed to read 10 pages - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1109	44.2	37.4	47.2	37.4	47.2	10.8	4.6	43.8	44.7
Morocco	1959	50.5	44.6	43.8	44.6	43.8	6.5	5.1	53.1	48.2
South Africa (5)	2604	39.2	38.5	59.6	38.5	59.6	1.0	0.9	41.9	36.4
International Avg. (3)	5672	44.6	40.2	50.2	40.2	50.2	6.1	3.5	46.3	43.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

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Mathematics: Data / Applying

MP13_10B MP61069B: Number of pages Ahmed reads in 60 minutes - CR - 1 Point

COUNTRY	N	DIFF %	10 %	79 %	1pt %	0pt %	OMITTED %	NOT REACHED %	GIRL PCT RIGHT	BOY PCT RIGHT
Kuwait	1109	26.1	21.7	61.2	21.7	61.2	6.8	10.3	24.9	27.3
Morocco	1959	36.9	32.5	55.6	32.5	55.6	3.4	8.5	36.5	37.2
South Africa (5)	2604	28.2	27.7	70.3	27.7	70.3	0.3	1.6	28.5	28.0
International Avg. (3)	5672	30.4	27.3	62.4	27.3	62.4	3.5	6.8	30.0	30.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent

Produced by TIMSS & PIRLS International Study Center at Boston College