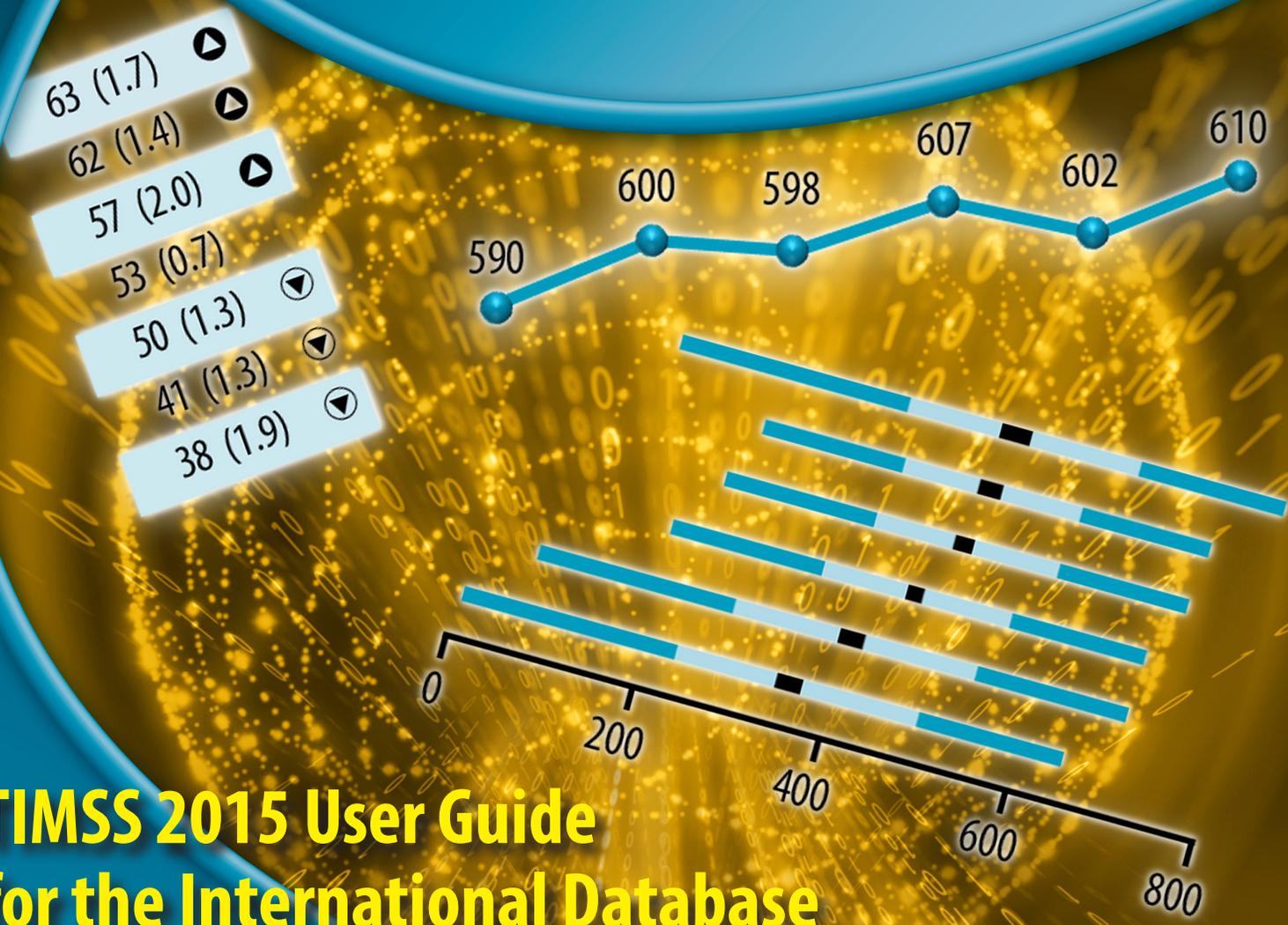


TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE STUDY

TIMSS



TIMSS 2015 User Guide for the International Database

ITEM PERCENT CORRECT STATISTICS

Numeracy – Mathematics – Fourth Grade



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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N01_01 (MN11135): $447 + 232 + 713 =$
Multiple Choice (Key is C)**

Country	Percent Correct
Iran, Islamic Rep. of	75 (1.6) ▲
Bahrain	74 (1.1) ▲
Indonesia	69 (1.6) ▲
Morocco	69 (1.4) ▲
Jordan	68 (1.1)
International Avg.	66 (0.5)
South Africa (5)	58 (1.2) ▼
Kuwait	51 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	74 (1.4) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N01_02 (MN11114): Number between 300 and 400, 8 in tens place
 Constructed Response (1 Point)**

Country	Percent Correct
Bahrain	43 (1.2) ▲
Iran, Islamic Rep. of	43 (1.9) ▲
Morocco	32 (1.6)
International Avg.	29 (0.6)
Jordan	27 (1.7)
Kuwait	22 (1.3) ▼
Indonesia	20 (1.4) ▼
South Africa (5)	18 (1.1) ▼
Benchmarking Participant	
Buenos Aires, Argentina	55 (1.8) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_03 (MN11216): Number of cans of juice at a store
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	65 (1.8) ▲
Bahrain	61 (1.1) ▲
Indonesia	47 (1.7)
Jordan	47 (1.4)
International Avg.	46 (0.6)
Morocco	42 (1.7) ▼
South Africa (5)	31 (1.3) ▼
Kuwait	30 (1.8) ▼
Benchmarking Participant	
Buenos Aires, Argentina	70 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_04 (MN11255): 36 divided by 2
Multiple Choice (Key is B)

Country	Percent Correct
Bahrain	68 (2.0) ▲
Indonesia	67 (1.5) ▲
Iran, Islamic Rep. of	62 (1.7) ▲
International Avg.	57 (0.6)
Jordan	52 (1.2) ▼
South Africa (5)	51 (1.4) ▼
Kuwait	49 (1.2) ▼
Morocco	48 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	57 (1.6)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_05 (MN11027): Jane counts by fours
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	73 (1.6) ▲
Bahrain	69 (1.5) ▲
South Africa (5)	64 (1.2) ▲
Indonesia	59 (1.8) ▲
International Avg.	53 (0.6)
Jordan	45 (1.3) ▼
Kuwait	35 (1.4) ▼
Morocco	27 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	81 (1.3) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_06 (MN11259): Number of peaches Jeb put into baskets
Multiple Choice (Key is A)

Country	Percent Correct
Iran, Islamic Rep. of	57 (1.7) ▲
Bahrain	50 (1.2) ▲
Indonesia	47 (1.8) ▲
International Avg.	42 (0.6)
Jordan	41 (1.4)
South Africa (5)	38 (1.0) ▼
Kuwait	33 (1.6) ▼
Morocco	26 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	60 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_07 (MN11031): Identify the rectangle that is 1/3 shaded
Multiple Choice (Key is B)

Country	Percent Correct
Bahrain	83 (0.8) ▲
Iran, Islamic Rep. of	82 (1.5) ▲
Jordan	65 (1.2)
International Avg.	64 (0.6)
Indonesia	62 (1.7)
Kuwait	62 (2.1)
South Africa (5)	61 (1.2) ▼
Morocco	33 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	72 (2.0) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_08 (MN11227): Order numbers with decimals smallest to largest
Constructed Response (1 Point)

Country	Percent Correct
South Africa (5)	33 (1.1) ▲
Bahrain	32 (1.3) ▲
Morocco	29 (1.4) ▲
Indonesia	26 (1.5)
International Avg.	25 (0.5)
Iran, Islamic Rep. of	20 (1.1) ▼
Kuwait	18 (1.2) ▼
Jordan	15 (1.1) ▼
Benchmarking Participant	
Buenos Aires, Argentina	41 (1.5) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_09 (MN11267): Write the length of the straw
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	90 (0.7) ▲
Indonesia	86 (1.3) ▲
Iran, Islamic Rep. of	83 (1.3) ▲
South Africa (5)	83 (0.9) ▲
International Avg.	80 (0.4)
Jordan	76 (1.1) ▼
Kuwait	73 (1.3) ▼
Morocco	70 (1.3) ▼
Benchmarking Participant	
Buenos Aires, Argentina	83 (1.3)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_10 (MN11042): Identify the triangles (DERIVED)
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	70 (1.1) ▲
Iran, Islamic Rep. of	56 (2.0) ▲
Indonesia	53 (1.6)
Morocco	53 (1.7)
International Avg.	52 (0.6)
Jordan	49 (1.6) ▼
South Africa (5)	47 (1.1) ▼
Kuwait	39 (1.8) ▼
Benchmarking Participant	
Buenos Aires, Argentina	55 (1.6)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_10B (MN11042B): Identify the triangles - 2
Multiple Choice (Key is B)

Country	Percent Correct
Bahrain	93 (0.6) ▲
Jordan	86 (0.8) ▲
International Avg.	83 (0.4)
Kuwait	83 (1.3)
South Africa (5)	82 (1.0)
Iran, Islamic Rep. of	80 (1.4)
Indonesia	78 (1.5) ▼
Morocco	77 (1.3) ▼
Benchmarking Participant	
Buenos Aires, Argentina	81 (1.4)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_10C (MN11042C): Identify the triangles - 3
Multiple Choice (Key is B)

Country	Percent Correct
Bahrain	94 (0.7) ▲
Jordan	86 (1.0) ▲
Kuwait	84 (1.3)
International Avg.	84 (0.5)
Iran, Islamic Rep. of	83 (1.5)
South Africa (5)	83 (1.0)
Indonesia	80 (1.6) ▼
Morocco	79 (1.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	84 (1.5)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_10D (MN11042D): Identify the triangles - 4
Multiple Choice (Key is A)

Country	Percent Correct
Bahrain	76 (1.3) ▲
Iran, Islamic Rep. of	69 (2.0) ▲
Indonesia	63 (1.5)
Morocco	62 (1.6)
International Avg.	61 (0.6)
South Africa (5)	56 (1.1) ▼
Jordan	55 (1.6) ▼
Kuwait	48 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	63 (1.5)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_10E (MN11042E): Identify the triangles - 5
Multiple Choice (Key is A)

Country	Percent Correct
Bahrain	96 (0.7) ▲
Indonesia	91 (1.1) ▲
South Africa (5)	89 (0.8)
International Avg.	88 (0.4)
Jordan	88 (0.6)
Iran, Islamic Rep. of	86 (1.7)
Morocco	86 (1.1) ▼
Kuwait	83 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	87 (1.2)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_11 (MN11184): Draw a rectangle that is 2 by 5
Constructed Response (1 Point)

Country	Percent Correct
Morocco	57 (1.5) ▲
Iran, Islamic Rep. of	51 (1.8) ▲
Bahrain	49 (1.1) ▲
International Avg.	41 (0.6)
Indonesia	40 (1.9)
Jordan	34 (1.6) ▼
South Africa (5)	30 (1.3) ▼
Kuwait	27 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	46 (1.8) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_12 (MN11190): Amount Huda spent on flowers
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	39 (1.5) ▲
Indonesia	33 (1.8) ▲
Morocco	31 (1.7)
Iran, Islamic Rep. of	30 (1.3) ▲
International Avg.	28 (0.6)
Jordan	24 (1.5) ▼
South Africa (5)	24 (1.1) ▼
Kuwait	13 (1.3) ▼
Benchmarking Participant	
Buenos Aires, Argentina	41 (1.7) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N01_13 (MN11193): Find the length of the long side of the rectangle
Multiple Choice (Key is A)

Country	Percent Correct
Bahrain	48 (1.2) ▲
Iran, Islamic Rep. of	43 (1.7) ▲
Jordan	39 (1.2)
International Avg.	39 (0.5)
Morocco	37 (1.6)
Kuwait	36 (1.4) ▼
South Africa (5)	35 (1.0) ▼
Indonesia	32 (1.3) ▼
Benchmarking Participant	
Buenos Aires, Argentina	41 (1.7)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N02_01 (MN11009): Number with 2 in tens and 8 in thousands
Multiple Choice (Key is C)

Country	Percent Correct
Bahrain	79 (1.1) ▲
Jordan	66 (1.2) ▲
Morocco	62 (1.4) ▲
International Avg.	59 (0.5)
Kuwait	56 (1.5) ▼
South Africa (5)	52 (1.2) ▼
Indonesia	51 (1.5) ▼
Iran, Islamic Rep. of	47 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	66 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N02_02 (MN11024): Total pages Linda read
Constructed Response (1 Point)**

Country	Percent Correct
Bahrain	57 (1.6) ▲
Iran, Islamic Rep. of	54 (1.9) ▲
Indonesia	47 (1.9)
International Avg.	44 (0.6)
Morocco	43 (1.7)
South Africa (5)	41 (1.3) ▼
Jordan	38 (1.2) ▼
Kuwait	28 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	64 (1.8) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N02_03 (MN11134): 23 divided by 4
Multiple Choice (Key is B)

Country	Percent Correct
Bahrain	61 (1.3) ▲
Indonesia	56 (1.4) ▲
Iran, Islamic Rep. of	55 (1.9) ▲
International Avg.	51 (0.6)
South Africa (5)	51 (1.4)
Morocco	50 (1.8)
Jordan	44 (1.3) ▼
Kuwait	42 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	57 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N02_04 (MN11212): $512 \times 3 =$
 Constructed Response (1 Point)**

Country	Percent Correct
Iran, Islamic Rep. of	64 (2.2) ▲
Morocco	63 (1.7) ▲
Bahrain	62 (1.4) ▲
Indonesia	57 (2.0)
International Avg.	53 (0.7)
Jordan	50 (1.3) ▼
South Africa (5)	41 (1.3) ▼
Kuwait	38 (1.9) ▼
Benchmarking Participant	
Buenos Aires, Argentina	74 (1.2) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N02_05 (MN11253): Expression for the number of apples Mona has
Multiple Choice (Key is B)

Country	Percent Correct
Bahrain	71 (1.6) ▲
Iran, Islamic Rep. of	62 (1.9) ▲
Indonesia	60 (1.7) ▲
International Avg.	57 (0.6)
Jordan	55 (1.7)
South Africa (5)	51 (1.4) ▼
Kuwait	49 (1.3) ▼
Morocco	49 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	65 (1.5) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N02_06 (MN11221): Number of people Sharon sees in boats
Multiple Choice (Key is D)

Country	Percent Correct
Bahrain	46 (1.7) ▲
Iran, Islamic Rep. of	45 (1.5) ▲
Indonesia	37 (1.4) ▲
International Avg.	34 (0.5)
Jordan	31 (1.3)
Morocco	27 (1.3) ▼
Kuwait	25 (1.3) ▼
South Africa (5)	23 (1.0) ▼
Benchmarking Participant	
Buenos Aires, Argentina	48 (2.0) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N02_07 (MN11146): Write the shaded fraction of the rectangle
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	51 (1.8) ▲
Bahrain	50 (1.1) ▲
International Avg.	34 (0.6)
Jordan	34 (1.6)
Kuwait	32 (1.7)
South Africa (5)	29 (1.2) ▼
Indonesia	26 (1.6) ▼
Morocco	15 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	25 (1.9) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N02_08 (MN11177): Amount of water to fill up a jar
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	44 (1.8) ▲
Bahrain	27 (1.1) ▲
Indonesia	23 (1.4)
International Avg.	21 (0.5)
Morocco	18 (1.2) ▼
Jordan	15 (1.1) ▼
South Africa (5)	12 (0.9) ▼
Kuwait	11 (1.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	15 (1.1) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N02_09 (MN11158): Draw a right angle using line AB
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	63 (1.4) ▲
Iran, Islamic Rep. of	53 (2.1) ▲
Jordan	51 (1.4) ▲
South Africa (5)	49 (1.3)
Indonesia	48 (1.5)
International Avg.	47 (0.6)
Morocco	42 (1.7) ▼
Kuwait	20 (1.8) ▼
Benchmarking Participant	
Buenos Aires, Argentina	27 (1.6) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N02_10 (MN11002): Amount of money Sue has left after buying juice
Multiple Choice (Key is A)

Country	Percent Correct
Iran, Islamic Rep. of	40 (1.5) ▲
Indonesia	39 (1.4) ▲
Bahrain	34 (1.3)
Jordan	33 (1.5)
International Avg.	33 (0.5)
South Africa (5)	29 (1.0) ▼
Morocco	28 (1.6) ▼
Kuwait	27 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	31 (1.6)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N02_11A (MN11182A): Boxes on a table - tallest
Multiple Choice (Key is C)

Country	Percent Correct
Bahrain	92 (0.7) ▲
Indonesia	90 (1.0) ▲
Iran, Islamic Rep. of	88 (1.3) ▲
International Avg.	81 (0.5)
Jordan	79 (1.2)
Kuwait	76 (1.6) ▼
Morocco	72 (1.5) ▼
South Africa (5)	69 (1.0) ▼
Benchmarking Participant	
Buenos Aires, Argentina	89 (1.0) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N02_11B (MN11182B): Boxes on a table - holds the most Multiple Choice (Key is B)

Country	Percent Correct
Indonesia	91 (1.0) ▲
Bahrain	85 (0.9) ▲
Iran, Islamic Rep. of	74 (1.5) ▲
International Avg.	71 (0.5)
Jordan	70 (1.1)
Kuwait	63 (1.7) ▼
Morocco	58 (1.7) ▼
South Africa (5)	56 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	73 (1.6)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N02_12 (MN11272): Cost of fencing Fred's yard
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Iran, Islamic Rep. of	7 (0.8) ▲	18 (1.4) ▲
Bahrain	5 (0.6) ▲	16 (0.8) ▲
Jordan	4 (0.5)	10 (0.9)
International Avg.	3 (0.2)	11 (0.4)
South Africa (5)	3 (0.6)	12 (0.9)
Indonesia	2 (0.4) ▼	9 (0.9) ▼
Kuwait	2 (0.4) ▼	10 (1.1)
Morocco	1 (0.4) ▼	4 (0.8) ▼
Benchmarking Participants		
Buenos Aires, Argentina	6 (0.8) ▲	23 (1.4) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N03_01 (MN11017): $47 + 25 =$
Constructed Response (1 Point)**

Country	Percent Correct
Bahrain	80 (1.1) ▲
Indonesia	76 (1.4) ▲
Iran, Islamic Rep. of	74 (1.6) ▲
South Africa (5)	74 (1.0) ▲
Morocco	71 (1.2)
International Avg.	71 (0.6)
Jordan	65 (1.4) ▼
Kuwait	54 (2.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	80 (1.4) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N03_02 (MN11125): 45 divided by 3
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	51 (1.8) ▲
Indonesia	48 (1.6) ▲
Iran, Islamic Rep. of	45 (1.9) ▲
International Avg.	37 (0.6)
South Africa (5)	31 (1.1) ▼
Jordan	30 (1.3) ▼
Morocco	30 (1.5) ▼
Kuwait	27 (1.5) ▼
Benchmarking Participant	
Buenos Aires, Argentina	53 (1.7) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N03_03 (MN11077): Jana writes number of days at school
Constructed Response (1 Point)**

Country	Percent Correct
Bahrain	46 (1.3) ▲
Indonesia	39 (2.0) ▲
Iran, Islamic Rep. of	31 (1.5) ▲
International Avg.	25 (0.5)
Jordan	20 (1.2) ▼
South Africa (5)	17 (0.9) ▼
Kuwait	15 (1.5) ▼
Morocco	9 (0.8) ▼
Benchmarking Participant	
Buenos Aires, Argentina	55 (1.8) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N03_04A (MN11047A): Choice of flowers graph - least chosen
Multiple Choice (Key is C)**

Country	Percent Correct
Bahrain	90 (0.8) ▲
Iran, Islamic Rep. of	83 (1.4) ▲
South Africa (5)	83 (0.8) ▲
Indonesia	83 (1.2) ▲
International Avg.	78 (0.5)
Jordan	74 (1.1) ▼
Morocco	67 (1.8) ▼
Kuwait	65 (1.9) ▼
Benchmarking Participant	
Buenos Aires, Argentina	77 (1.7)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N03_04B (MN11047B): Choice of flowers graph - more often than Iris
Multiple Choice (Key is D)

Country	Percent Correct
Bahrain	87 (0.8) ▲
Iran, Islamic Rep. of	85 (1.3) ▲
Indonesia	81 (1.3) ▲
International Avg.	72 (0.5)
Jordan	66 (1.2) ▼
South Africa (5)	66 (1.2) ▼
Kuwait	61 (1.7) ▼
Morocco	60 (1.8) ▼
Benchmarking Participant	
Buenos Aires, Argentina	76 (1.8) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N03_05 (MN11223): Emma buys and sells chickens
Constructed Response (1 Point)**

Country	Percent Correct
Iran, Islamic Rep. of	43 (1.8) ▲
Bahrain	43 (1.0) ▲
Indonesia	39 (2.0) ▲
International Avg.	28 (0.5)
Morocco	22 (1.5) ▼
Jordan	22 (1.2) ▼
South Africa (5)	17 (1.0) ▼
Kuwait	14 (1.3) ▼
Benchmarking Participant	
Buenos Aires, Argentina	50 (1.7) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N03_06 (MN11034): Identify the figure that is 3/4 shaded
Multiple Choice (Key is B)

Country	Percent Correct
Iran, Islamic Rep. of	70 (1.7) ▲
Bahrain	42 (1.2) ▲
Jordan	38 (1.5)
International Avg.	37 (0.5)
South Africa (5)	30 (1.1) ▼
Morocco	29 (1.5) ▼
Indonesia	28 (1.3) ▼
Kuwait	25 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	31 (1.6) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N03_07 (MN11175): Total length of Jen's strip of paper
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	51 (1.3) ▲
Iran, Islamic Rep. of	46 (1.7) ▲
Indonesia	43 (1.8) ▲
International Avg.	37 (0.5)
Morocco	37 (1.4)
South Africa (5)	34 (1.1) ▼
Jordan	27 (1.3) ▼
Kuwait	22 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	36 (1.7)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N03_08 (MN11262): Identify the square
Multiple Choice (Key is A)

Country	Percent Correct
Iran, Islamic Rep. of	61 (1.8) ▲
Morocco	54 (1.6) ▲
Bahrain	45 (1.3) ▲
Jordan	43 (1.2) ▲
International Avg.	40 (0.5)
South Africa (5)	33 (1.1) ▼
Indonesia	26 (1.4) ▼
Kuwait	19 (1.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	32 (1.5) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N03_09 (MN11239): Estimate the distance from B to C on a line
Multiple Choice (Key is B)

Country	Percent Correct
Bahrain	41 (1.1) ▲
Iran, Islamic Rep. of	38 (1.7) ▲
Indonesia	37 (1.5) ▲
International Avg.	34 (0.5)
Kuwait	31 (1.5)
South Africa (5)	31 (1.0) ▼
Morocco	29 (1.5) ▼
Jordan	29 (1.3) ▼
Benchmarking Participant	
Buenos Aires, Argentina	38 (1.7) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N03_10 (MN11202): Distance around the triangle
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	71 (1.5) ▲
Bahrain	69 (1.0) ▲
Indonesia	55 (1.9)
International Avg.	54 (0.6)
Jordan	49 (1.4) ▼
South Africa (5)	48 (1.3) ▼
Kuwait	43 (2.2) ▼
Morocco	40 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	47 (1.7) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N03_11 (MN11299): Total time Vijay spent on the bus
Constructed Response (1 Point)**

Country	Percent Correct
Iran, Islamic Rep. of	57 (1.6) ▲
Bahrain	49 (1.4) ▲
Indonesia	45 (1.8) ▲
International Avg.	36 (0.5)
South Africa (5)	31 (1.2) ▼
Jordan	29 (1.2) ▼
Morocco	23 (1.4) ▼
Kuwait	22 (1.5) ▼
Benchmarking Participant	
Buenos Aires, Argentina	56 (1.7) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N04_01 (M061272): 45 divided by 3
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	30 (1.2) ▲
South Africa (5)	20 (1.2) ▲
Indonesia	19 (1.3)
International Avg.	17 (0.5)
Kuwait	14 (1.3) ▼
Iran, Islamic Rep. of	12 (1.3) ▼
Jordan	11 (0.9) ▼
Morocco	10 (1.1) ▼
Benchmarking Participant	
Buenos Aires, Argentina	16 (1.3)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N04_02 (M061243): Write numbers that round to 200, 500
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Iran, Islamic Rep. of	35 (1.6) ▲	52 (2.0) ▲
Bahrain	32 (1.4) ▲	48 (1.5) ▲
Jordan	25 (1.4) ▲	39 (1.7)
Morocco	23 (1.5)	39 (1.4)
International Avg.	22 (0.5)	36 (0.6)
Kuwait	15 (1.1) ▼	30 (1.7) ▼
Indonesia	13 (1.3) ▼	23 (1.4) ▼
South Africa (5)	11 (1.0) ▼	25 (1.1) ▼
Benchmarking Participants		
Buenos Aires, Argentina	30 (1.9) ▲	45 (2.2) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N04_03 (M061029): Blair's number puzzle
Multiple Choice (Key is C)

Country	Percent Correct
Bahrain	55 (1.3) ▲
Iran, Islamic Rep. of	52 (1.6) ▲
Jordan	48 (1.4) ▲
International Avg.	42 (0.5)
Morocco	38 (1.4) ▼
Indonesia	36 (1.5) ▼
Kuwait	35 (1.7) ▼
South Africa (5)	27 (0.9) ▼
Benchmarking Participant	
Buenos Aires, Argentina	41 (1.7)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N04_04 (M061031): Total number of bracelets Sally can make
Multiple Choice (Key is D)

Country	Percent Correct
Iran, Islamic Rep. of	22 (1.9) ▲
Bahrain	22 (1.0) ▲
Indonesia	21 (1.2) ▲
International Avg.	18 (0.5)
Morocco	17 (1.3)
Jordan	16 (1.3)
South Africa (5)	13 (0.6) ▼
Kuwait	11 (0.9) ▼
Benchmarking Participant	
Buenos Aires, Argentina	23 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N04_05 (M061050): Choose a number to complete number sentence
Multiple Choice (Key is A)

Country	Percent Correct
Indonesia	31 (1.4) ▲
Morocco	30 (1.3) ▲
Bahrain	28 (1.2)
South Africa (5)	27 (1.1)
International Avg.	27 (0.5)
Iran, Islamic Rep. of	25 (1.7)
Jordan	23 (1.2) ▼
Kuwait	22 (1.5) ▼
Benchmarking Participant	
Buenos Aires, Argentina	21 (1.5) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N04_06 (M061167): Next number in Hanif's number pattern
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	76 (1.4) ▲
Bahrain	66 (1.6) ▲
South Africa (5)	60 (1.3) ▲
Indonesia	54 (1.8)
International Avg.	51 (0.6)
Jordan	44 (1.7) ▼
Kuwait	32 (2.0) ▼
Morocco	23 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	52 (1.7)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N04_07 (M061206): Estimate path length from Miguel's house to school
Multiple Choice (Key is C)

Country	Percent Correct
Iran, Islamic Rep. of	30 (1.7) ▲
Indonesia	25 (1.4)
Morocco	24 (1.5)
International Avg.	23 (0.5)
Bahrain	23 (1.4)
Jordan	22 (1.6)
South Africa (5)	20 (0.8) ▼
Kuwait	18 (1.0) ▼
Benchmarking Participant	
Buenos Aires, Argentina	25 (1.4)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N04_08A (M061265A): Elisa and Ken - other point Elisa could end
Constructed Response (1 Point)**

Country	Percent Correct
Iran, Islamic Rep. of	13 (1.4) ▲
Bahrain	11 (0.8) ▲
South Africa (5)	8 (0.8)
International Avg.	8 (0.3)
Morocco	7 (0.8)
Jordan	6 (0.7) ▼
Kuwait	5 (0.9) ▼
Indonesia	4 (0.5) ▼
Benchmarking Participant	
Buenos Aires, Argentina	27 (1.7) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N04_08B (M061265B): Elisa and Ken - point Ken could end
Multiple Choice (Key is B)**

Country	Percent Correct
Bahrain	24 (1.9) ▲
Iran, Islamic Rep. of	23 (1.7)
Kuwait	23 (1.1)
Indonesia	22 (1.1)
International Avg.	21 (0.5)
Morocco	19 (1.3)
Jordan	19 (1.4)
South Africa (5)	16 (0.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	20 (1.5)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N04_09 (M061185): Time that hands of clock are at a right angle
Multiple Choice (Key is C)

Country	Percent Correct
Iran, Islamic Rep. of	65 (1.6) ▲
Bahrain	56 (1.3) ▲
Jordan	47 (1.2) ▲
International Avg.	43 (0.6)
Morocco	42 (1.8)
Indonesia	41 (1.6)
Kuwait	29 (1.6) ▼
South Africa (5)	23 (1.0) ▼
Benchmarking Participant	
Buenos Aires, Argentina	62 (1.3) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N04_10 (M061239): Identify snakes by length and weight
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	48 (1.1) ▲
Iran, Islamic Rep. of	40 (2.0) ▲
Indonesia	36 (1.8) ▲
International Avg.	31 (0.6)
South Africa (5)	27 (1.1) ▼
Jordan	24 (1.2) ▼
Morocco	23 (1.7) ▼
Kuwait	22 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	56 (1.9) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N05_01 (MN11076): 3054 written in words
Multiple Choice (Key is B)

Country	Percent Correct
Bahrain	79 (1.1) ▲
Iran, Islamic Rep. of	77 (1.5) ▲
Morocco	70 (1.6)
Jordan	70 (1.4)
International Avg.	69 (0.5)
Indonesia	66 (1.4) ▼
Kuwait	63 (1.9) ▼
South Africa (5)	61 (1.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	86 (1.2) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N05_02 (MN11141): Number of cabbages Jim has left
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	67 (1.7) ▲
Iran, Islamic Rep. of	66 (1.6) ▲
Indonesia	63 (1.5) ▲
International Avg.	53 (0.6)
Jordan	51 (1.5)
Morocco	44 (1.7) ▼
Kuwait	42 (1.8) ▼
South Africa (5)	36 (1.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	61 (1.7) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N05_03 (MN11142): Number of tables for Mr. Baker's class
Multiple Choice (Key is C)**

Country	Percent Correct
Iran, Islamic Rep. of	62 (1.7) ▲
Bahrain	48 (1.4) ▲
Jordan	43 (1.3) ▲
International Avg.	40 (0.5)
Indonesia	36 (1.3) ▼
South Africa (5)	35 (1.4) ▼
Kuwait	32 (1.6) ▼
Morocco	26 (1.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	63 (1.9) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N05_04 (MN11005): Expression to represent John's tulips
Multiple Choice (Key is C)

Country	Percent Correct
Iran, Islamic Rep. of	58 (1.4) ▲
Bahrain	48 (1.9) ▲
International Avg.	41 (0.6)
Morocco	39 (1.3)
Indonesia	39 (1.6)
Jordan	39 (1.6)
South Africa (5)	34 (1.4) ▼
Kuwait	31 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	56 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N05_05A (MN11256A): Number of goats Mac had in Year 2
Constructed Response (1 Point)**

Country	Percent Correct
Bahrain	83 (0.9) ▲
Iran, Islamic Rep. of	74 (1.4) ▲
Indonesia	66 (1.7)
International Avg.	65 (0.6)
South Africa (5)	63 (1.2) ▼
Jordan	59 (1.5) ▼
Kuwait	59 (1.9) ▼
Morocco	54 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	78 (1.4) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N05_05B (MN11256B): Year Mac had the same number of cows and horses
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	67 (1.8) ▲
Bahrain	61 (1.2) ▲
Jordan	54 (1.5)
Indonesia	54 (1.7)
International Avg.	52 (0.6)
Morocco	47 (1.5) ▼
Kuwait	46 (1.6) ▼
South Africa (5)	37 (1.0) ▼
Benchmarking Participant	
Buenos Aires, Argentina	67 (1.7) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N05_06 (MN11108): Becky and Matt's game tokens
Constructed Response (1 Point)**

Country	Percent Correct
Bahrain	33 (1.2) ▲
Iran, Islamic Rep. of	27 (1.4) ▲
Indonesia	22 (1.4) ▲
International Avg.	19 (0.5)
South Africa (5)	18 (1.0)
Jordan	15 (0.9) ▼
Morocco	11 (1.1) ▼
Kuwait	9 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	37 (1.9) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N05_07 (MN11062): Write a fraction larger than 1/2
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	58 (1.7) ▲
Jordan	51 (1.3) ▲
Iran, Islamic Rep. of	51 (2.0) ▲
International Avg.	40 (0.6)
South Africa (5)	40 (1.3)
Kuwait	31 (1.7) ▼
Morocco	26 (1.5) ▼
Indonesia	25 (1.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	50 (2.2) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N05_08 (MN11174): Order Betty's containers from shortest to tallest
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	43 (1.4) ▲
Morocco	38 (1.7) ▲
South Africa (5)	35 (1.1)
Indonesia	33 (1.6)
International Avg.	33 (0.6)
Kuwait	30 (1.8)
Iran, Islamic Rep. of	26 (1.6) ▼
Jordan	24 (1.3) ▼
Benchmarking Participant	
Buenos Aires, Argentina	61 (1.7) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N05_09 (MN11067): Identify the figure with all angles the same size
Multiple Choice (Key is B)

Country	Percent Correct
Iran, Islamic Rep. of	79 (1.9) ▲
Bahrain	68 (1.2) ▲
Jordan	66 (1.3) ▲
International Avg.	63 (0.6)
Morocco	61 (1.6)
Indonesia	60 (1.8)
Kuwait	56 (2.4) ▼
South Africa (5)	50 (1.1) ▼
Benchmarking Participant	
Buenos Aires, Argentina	35 (1.8) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N05_10 (MN11043): Complete Nina's rectangle
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	95 (0.6) ▲
Iran, Islamic Rep. of	93 (1.5) ▲
Morocco	90 (0.7)
International Avg.	89 (0.4)
South Africa (5)	88 (0.8)
Indonesia	87 (1.4)
Jordan	87 (1.1)
Kuwait	81 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	81 (1.6) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N05_11 (MN11268): Number of cubes to fill up the box
Multiple Choice (Key is D)

Country	Percent Correct
Iran, Islamic Rep. of	58 (1.6) ▲
Bahrain	57 (1.4) ▲
Indonesia	54 (1.5) ▲
International Avg.	47 (0.5)
Jordan	47 (1.4)
South Africa (5)	43 (1.0) ▼
Morocco	40 (1.4) ▼
Kuwait	33 (1.5) ▼
Benchmarking Participant	
Buenos Aires, Argentina	56 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N05_12 (MN11270): Calculate total school activity time from table
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	43 (1.8) ▲
Bahrain	42 (1.1) ▲
Indonesia	33 (1.3) ▲
International Avg.	30 (0.5)
Jordan	30 (1.6)
South Africa (5)	22 (1.0) ▼
Morocco	20 (1.7) ▼
Kuwait	20 (1.5) ▼
Benchmarking Participant	
Buenos Aires, Argentina	40 (1.9) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N06_01 (MN11019): 482 - 27 =
Multiple Choice (Key is C)

Country	Percent Correct
Bahrain	63 (1.1) ▲
Iran, Islamic Rep. of	61 (1.5) ▲
Jordan	55 (1.7)
Indonesia	54 (1.8)
Morocco	54 (1.6)
International Avg.	54 (0.6)
South Africa (5)	51 (1.2) ▼
Kuwait	40 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	72 (1.4) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N06_02 (MN11145): Total flowers planted by Carol and Katrin
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	72 (1.3) ▲
Indonesia	71 (1.5) ▲
Bahrain	69 (1.1) ▲
International Avg.	60 (0.5)
South Africa (5)	59 (1.1)
Jordan	52 (1.2) ▼
Morocco	52 (1.5) ▼
Kuwait	43 (2.1) ▼
Benchmarking Participant	
Buenos Aires, Argentina	79 (1.2) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N06_03 (MN11211): Total number of players in a soccer club
Multiple Choice (Key is C)

Country	Percent Correct
Bahrain	67 (1.2) ▲
Iran, Islamic Rep. of	63 (1.8) ▲
International Avg.	50 (0.6)
Jordan	49 (1.3)
Indonesia	47 (1.5)
Morocco	43 (1.6) ▼
Kuwait	41 (2.0) ▼
South Africa (5)	39 (1.1) ▼
Benchmarking Participant	
Buenos Aires, Argentina	74 (1.4) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N06_04 (MN11014): Smallest 3-digit number with 4, 1, 8
Constructed Response (1 Point)**

Country	Percent Correct
Iran, Islamic Rep. of	60 (1.7) ▲
Bahrain	51 (1.3) ▲
Morocco	42 (1.7) ▲
International Avg.	35 (0.6)
Jordan	30 (1.4) ▼
South Africa (5)	25 (1.2) ▼
Kuwait	23 (2.2) ▼
Indonesia	16 (1.3) ▼
Benchmarking Participant	
Buenos Aires, Argentina	44 (2.2) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N06_05 (MN11300): Find total number of cookies sold with bar graph
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	49 (1.3) ▲
Iran, Islamic Rep. of	36 (1.6) ▲
South Africa (5)	34 (1.3) ▲
International Avg.	30 (0.6)
Jordan	27 (1.7) ▼
Kuwait	24 (1.9) ▼
Indonesia	22 (1.2) ▼
Morocco	21 (1.3) ▼
Benchmarking Participant	
Buenos Aires, Argentina	29 (1.6)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N06_06 (MN11028): Number Jim left out counting by threes
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	70 (1.9) ▲
Bahrain	64 (1.1) ▲
South Africa (5)	51 (1.2) ▲
International Avg.	49 (0.6)
Indonesia	46 (1.7)
Jordan	43 (1.3) ▼
Kuwait	34 (2.0) ▼
Morocco	33 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	73 (1.8) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N06_07 (MN11231): 25.6 - 3 =
Multiple Choice (Key is A)

Country	Percent Correct
Kuwait	31 (1.5) ▲
Iran, Islamic Rep. of	26 (1.5)
Jordan	25 (1.3)
Bahrain	25 (1.1)
International Avg.	24 (0.5)
Morocco	24 (1.5)
Indonesia	22 (1.4)
South Africa (5)	16 (0.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	34 (1.9) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N06_08 (MN11061): Identify picture with 2/3 shaded
Multiple Choice (Key is B)

Country	Percent Correct
Bahrain	90 (0.8) ▲
Iran, Islamic Rep. of	88 (1.4) ▲
Indonesia	82 (1.6) ▲
South Africa (5)	80 (0.9) ▲
International Avg.	77 (0.5)
Jordan	77 (1.2)
Kuwait	74 (2.0)
Morocco	52 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	72 (1.9) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N06_09 (MN11045): Which could be the length of a pencil?
Multiple Choice (Key is A)**

Country	Percent Correct
Iran, Islamic Rep. of	66 (1.6) ▲
Bahrain	65 (1.5) ▲
International Avg.	54 (0.6)
Jordan	52 (1.5)
Indonesia	52 (1.6)
South Africa (5)	49 (1.2) ▼
Kuwait	46 (1.9) ▼
Morocco	45 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	71 (1.9) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N06_10 (MN11265): Identify the cube
Multiple Choice (Key is D)

Country	Percent Correct
Bahrain	92 (0.5) ▲
Iran, Islamic Rep. of	89 (1.7) ▲
Jordan	86 (1.1) ▲
Indonesia	82 (1.4)
International Avg.	81 (0.5)
Morocco	80 (1.1)
Kuwait	79 (1.4)
South Africa (5)	57 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	81 (1.4)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N06_11 (MN11154): Number of shape M and shape N Joe needs
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Bahrain	45 (1.3) ▲	61 (1.5) ▲
Iran, Islamic Rep. of	32 (1.7) ▲	52 (1.7) ▲
Jordan	30 (1.5)	46 (1.5)
International Avg.	28 (0.5)	46 (0.6)
South Africa (5)	26 (1.0)	49 (1.2) ▲
Morocco	25 (1.6)	39 (1.7) ▼
Indonesia	22 (1.3) ▼	44 (1.4)
Kuwait	15 (1.5) ▼	31 (2.1) ▼
Benchmarking Participants		
Buenos Aires, Argentina	43 (1.9) ▲	57 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N06_12 (MN11240): Time Duncan needs to leave for school
Multiple Choice (Key is A)

Country	Percent Correct
Indonesia	46 (1.6) ▲
Bahrain	43 (1.2) ▲
Iran, Islamic Rep. of	43 (1.7) ▲
South Africa (5)	39 (1.1) ▲
International Avg.	37 (0.5)
Kuwait	32 (1.6) ▼
Jordan	27 (1.3) ▼
Morocco	26 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	50 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N07_01 (MN11023): Total students in 4 classes with 23 in each Multiple Choice (Key is B)

Country	Percent Correct
Iran, Islamic Rep. of	69 (1.5) ▲
Bahrain	65 (1.3) ▲
Indonesia	64 (1.7) ▲
International Avg.	55 (0.6)
Morocco	50 (1.4) ▼
Jordan	50 (1.4) ▼
South Africa (5)	45 (1.1) ▼
Kuwait	44 (1.8) ▼
Benchmarking Participant	
Buenos Aires, Argentina	72 (1.5) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N07_02 (MN11056): $7 \times 52 =$
Multiple Choice (Key is C)

Country	Percent Correct
Indonesia	61 (1.7) ▲
Iran, Islamic Rep. of	60 (1.7) ▲
Bahrain	56 (1.7) ▲
Morocco	55 (1.6) ▲
Jordan	50 (1.1)
International Avg.	50 (0.6)
South Africa (5)	36 (1.1) ▼
Kuwait	33 (1.9) ▼
Benchmarking Participant	
Buenos Aires, Argentina	66 (1.3) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N07_03 (MN11057): Number of marbles Pat has now
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	70 (1.6) ▲
Bahrain	68 (1.2) ▲
Indonesia	64 (1.5) ▲
International Avg.	57 (0.5)
Jordan	57 (1.3)
Kuwait	49 (1.6) ▼
Morocco	47 (1.7) ▼
South Africa (5)	45 (1.1) ▼
Benchmarking Participant	
Buenos Aires, Argentina	75 (1.4) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N07_04 (MN11113): Number larger than 28 and smaller than 37
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	71 (1.1) ▲
Iran, Islamic Rep. of	64 (1.6) ▲
Jordan	61 (1.4) ▲
International Avg.	52 (0.5)
Morocco	49 (1.5) ▼
Kuwait	49 (1.6) ▼
Indonesia	43 (1.6) ▼
South Africa (5)	31 (1.1) ▼
Benchmarking Participant	
Buenos Aires, Argentina	78 (1.4) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N07_05 (MN11200): Complete Pat's graph of price per fruit
Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Bahrain	87 (0.8) ▲	92 (0.6) ▲
Iran, Islamic Rep. of	83 (1.4) ▲	88 (1.2) ▲
South Africa (5)	83 (0.8) ▲	88 (0.7) ▲
International Avg.	73 (0.5)	80 (0.4)
Morocco	72 (1.4) ▼	77 (1.3) ▼
Indonesia	71 (1.7) ▼	76 (1.5) ▼
Jordan	60 (1.4) ▼	71 (1.1) ▼
Kuwait	55 (1.5) ▼	70 (1.3) ▼
Benchmarking Participants		
Buenos Aires, Argentina	70 (1.4)	76 (1.5) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N07_06 (MN11129): John added 3 numbers - find the third
Multiple Choice (Key is A)**

Country	Percent Correct
Iran, Islamic Rep. of	57 (1.3) ▲
Bahrain	57 (1.2) ▲
International Avg.	46 (0.5)
Indonesia	46 (1.7)
Jordan	45 (1.5)
Kuwait	42 (1.5) ▼
Morocco	38 (1.5) ▼
South Africa (5)	37 (1.0) ▼
Benchmarking Participant	
Buenos Aires, Argentina	63 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N07_07 (MN11218): $x + 16 = 22$
 Constructed Response (1 Point)

Country	Percent Correct
South Africa (5)	75 (0.9) ▲
Iran, Islamic Rep. of	75 (1.4) ▲
Bahrain	74 (1.7) ▲
Indonesia	70 (1.6)
International Avg.	68 (0.6)
Jordan	68 (1.3)
Morocco	58 (1.5) ▼
Kuwait	57 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	73 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N07_08 (MN11036): Identify the largest fraction
Multiple Choice (Key is D)

Country	Percent Correct
South Africa (5)	52 (1.6) ▲
Iran, Islamic Rep. of	35 (1.6) ▲
Bahrain	34 (1.5) ▲
International Avg.	31 (0.6)
Indonesia	28 (1.7)
Morocco	27 (1.3) ▼
Kuwait	23 (1.8) ▼
Jordan	18 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	25 (2.4) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N07_09 (MN11225): Write 9/10 as a decimal
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	54 (2.2) ▲
Jordan	48 (1.5) ▲
Bahrain	41 (1.4) ▲
International Avg.	30 (0.6)
Kuwait	27 (1.7)
Indonesia	19 (1.3) ▼
Morocco	15 (1.4) ▼
South Africa (5)	4 (0.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	5 (1.2) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N07_10 (MN11041): Identify the square inside of a triangle
Multiple Choice (Key is C)

Country	Percent Correct
Morocco	67 (1.4) ▲
Iran, Islamic Rep. of	66 (1.8) ▲
South Africa (5)	60 (1.2) ▲
Jordan	57 (1.5)
International Avg.	56 (0.6)
Bahrain	55 (1.6)
Kuwait	50 (1.4) ▼
Indonesia	39 (1.8) ▼
Benchmarking Participant	
Buenos Aires, Argentina	70 (1.9) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N07_11 (MN11179): Draw a line 3.5 cm long
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	36 (1.5) ▲
Morocco	34 (1.4) ▲
Jordan	29 (1.7)
International Avg.	27 (0.5)
Indonesia	25 (1.3)
Iran, Islamic Rep. of	25 (1.3)
Kuwait	22 (1.6) ▼
South Africa (5)	17 (1.0) ▼
Benchmarking Participant	
Buenos Aires, Argentina	39 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N07_12 (MN11303): Salim buys backpack, notebook, and pencil
Constructed Response (1 Point)**

Country	Percent Correct
Bahrain	21 (0.9) ▲
Morocco	19 (1.3) ▲
South Africa (5)	16 (1.0)
International Avg.	15 (0.4)
Iran, Islamic Rep. of	14 (1.4)
Indonesia	12 (0.9) ▼
Kuwait	12 (1.0) ▼
Jordan	11 (1.1) ▼
Benchmarking Participant	
Buenos Aires, Argentina	36 (1.5) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N07_13 (MN11305): Identify expression for perimeter of rectangle
Multiple Choice (Key is D)

Country	Percent Correct
Bahrain	46 (1.2) ▲
Jordan	45 (1.4) ▲
Iran, Islamic Rep. of	40 (1.9)
South Africa (5)	39 (1.1)
International Avg.	38 (0.6)
Kuwait	36 (1.8)
Indonesia	34 (1.8) ▼
Morocco	25 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	21 (1.4) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N08_01 (M061026): 8 thousands + 4 hundreds + 5 ones
Multiple Choice (Key is C)

Country	Percent Correct
Bahrain	63 (1.4) ▲
Morocco	50 (1.6) ▲
International Avg.	45 (0.6)
Jordan	44 (1.3)
Iran, Islamic Rep. of	44 (1.8)
Kuwait	44 (1.8)
Indonesia	35 (1.4) ▼
South Africa (5)	35 (1.1) ▼
Benchmarking Participant	
Buenos Aires, Argentina	65 (1.5) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N08_02 (M061273): $27 \times 43 =$
Multiple Choice (Key is D)

Country	Percent Correct
Morocco	47 (1.5) ▲
Indonesia	43 (1.8) ▲
Iran, Islamic Rep. of	43 (2.0) ▲
Bahrain	35 (1.1)
International Avg.	35 (0.6)
Jordan	34 (1.4)
South Africa (5)	25 (1.1) ▼
Kuwait	18 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	48 (2.0) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N08_03 (M061034): Number of people that got off the train
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	15 (1.1) ▲
Bahrain	13 (0.9) ▲
Indonesia	11 (0.9)
International Avg.	10 (0.3)
Jordan	9 (1.0)
Morocco	8 (0.7) ▼
Kuwait	7 (0.7) ▼
South Africa (5)	6 (0.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	17 (1.0) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N08_04 (M061040): Shaded fraction of a square
Multiple Choice (Key is A)

Country	Percent Correct
Iran, Islamic Rep. of	38 (1.6) ▲
Bahrain	27 (1.3)
International Avg.	25 (0.5)
Indonesia	25 (1.4)
Morocco	24 (1.5)
South Africa (5)	24 (1.0)
Jordan	22 (1.4) ▼
Kuwait	18 (1.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	23 (1.5)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N08_05 (M061228): Art teacher cuts paper for her class
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Bahrain	8 (0.8) ▲	21 (1.2) ▲
International Avg.	3 (0.2)	12 (0.4)
Jordan	3 (0.6)	11 (1.1)
Kuwait	3 (0.7)	9 (1.1) ▼
Morocco	3 (0.6)	12 (1.1)
Iran, Islamic Rep. of	3 (0.5)	15 (0.9) ▲
South Africa (5)	2 (0.2) ▼	7 (0.7) ▼
Indonesia	1 (0.3) ▼	6 (0.5) ▼
Benchmarking Participants		
Buenos Aires, Argentina	8 (0.9) ▲	22 (1.5) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N08_06 (M061166): Find the value of w in a subtraction sentence
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	48 (1.1) ▲
Indonesia	30 (1.4)
Iran, Islamic Rep. of	29 (1.5)
Jordan	29 (1.4)
International Avg.	28 (0.5)
Kuwait	21 (1.5) ▼
Morocco	21 (1.6) ▼
South Africa (5)	17 (0.9) ▼
Benchmarking Participant	
Buenos Aires, Argentina	32 (1.5) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N08_07 (M061171): Total number of trading cards Mona and Ben bought
Multiple Choice (Key is A)

Country	Percent Correct
Iran, Islamic Rep. of	59 (1.9) ▲
Bahrain	53 (1.9) ▲
Indonesia	50 (1.5) ▲
International Avg.	45 (0.6)
Jordan	43 (1.3)
South Africa (5)	41 (1.0) ▼
Kuwait	37 (1.4) ▼
Morocco	32 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	61 (1.7) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N08_08 (M061080): Mark an X on parallel sides of trapezoid
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	32 (1.5) ▲
Jordan	23 (1.5) ▲
Bahrain	16 (0.9)
International Avg.	15 (0.4)
Morocco	15 (1.4)
Kuwait	11 (1.0) ▼
Indonesia	6 (0.7) ▼
South Africa (5)	6 (0.5) ▼
Benchmarking Participant	
Buenos Aires, Argentina	22 (1.5) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N08_09 (M061222): Distance between Shawn and Rick on number line
Multiple Choice (Key is D)

Country	Percent Correct
Iran, Islamic Rep. of	65 (1.7) ▲
Bahrain	50 (1.4) ▲
Indonesia	44 (1.8)
International Avg.	44 (0.6)
Jordan	38 (1.3) ▼
South Africa (5)	37 (1.0) ▼
Morocco	37 (1.5) ▼
Kuwait	34 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	41 (1.9)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N08_10 (M061076): Sandra's model for a decorated cube
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	45 (1.5) ▲
Indonesia	39 (1.8) ▲
Bahrain	37 (1.8)
South Africa (5)	35 (1.1)
International Avg.	35 (0.6)
Morocco	34 (1.4)
Jordan	28 (1.5) ▼
Kuwait	25 (1.3) ▼
Benchmarking Participant	
Buenos Aires, Argentina	54 (1.8) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N08_11 (M061084): Complete pie chart of friends' favorite flowers
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	15 (0.9) ▲
Iran, Islamic Rep. of	14 (1.3) ▲
Morocco	13 (1.5)
International Avg.	10 (0.4)
Jordan	10 (1.2)
Indonesia	9 (0.9) ▼
South Africa (5)	7 (0.8) ▼
Kuwait	6 (0.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	6 (0.9) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N09_01 (MN11128): 700 - 28 =
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	47 (1.7) ▲
Morocco	43 (1.7) ▲
Iran, Islamic Rep. of	41 (1.5) ▲
International Avg.	35 (0.6)
Jordan	33 (1.2)
Indonesia	31 (1.5) ▼
South Africa (5)	25 (1.1) ▼
Kuwait	24 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	50 (2.0) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N09_02 (MN11022): Number of math problems Jane has left to solve
Constructed Response (1 Point)**

Country	Percent Correct
Bahrain	78 (0.8) ▲
Iran, Islamic Rep. of	77 (1.3) ▲
Indonesia	75 (1.6) ▲
International Avg.	63 (0.5)
Jordan	59 (1.5) ▼
Kuwait	54 (1.2) ▼
South Africa (5)	52 (1.4) ▼
Morocco	50 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	76 (1.3) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N09_03 (MN11010): Number with 7 in thousands and 5 in tens
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	58 (1.2) ▲
Jordan	41 (1.4) ▲
International Avg.	35 (0.5)
Morocco	34 (1.8)
Kuwait	30 (1.5) ▼
Iran, Islamic Rep. of	30 (1.3) ▼
South Africa (5)	26 (1.1) ▼
Indonesia	26 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	48 (1.8) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N09_04A (MN11278A): Favorite color graph - least chosen color
Multiple Choice (Key is D)

Country	Percent Correct
Bahrain	89 (1.6) ▲
Iran, Islamic Rep. of	85 (1.4) ▲
Indonesia	79 (1.6) ▲
Jordan	76 (1.1) ▲
International Avg.	74 (0.6)
Kuwait	68 (1.5) ▼
Morocco	64 (1.6) ▼
South Africa (5)	55 (1.3) ▼
Benchmarking Participant	
Buenos Aires, Argentina	82 (1.3) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N09_04B (MN11278B): Favorite color graph - number of friends asked
Multiple Choice (Key is D)

Country	Percent Correct
Bahrain	47 (1.4) ▲
Jordan	34 (1.3) ▲
Iran, Islamic Rep. of	32 (1.5)
South Africa (5)	30 (1.2)
International Avg.	30 (0.5)
Morocco	24 (1.5) ▼
Indonesia	24 (1.5) ▼
Kuwait	21 (1.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	31 (1.6)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N09_05 (MN11136): $5 \times 25 =$
Constructed Response (1 Point)**

Country	Percent Correct
Iran, Islamic Rep. of	60 (1.9) ▲
Indonesia	60 (1.7) ▲
Bahrain	58 (1.4) ▲
Morocco	58 (1.7) ▲
International Avg.	51 (0.6)
Jordan	47 (1.3) ▼
South Africa (5)	39 (1.1) ▼
Kuwait	33 (1.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	67 (1.5) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N09_06 (MN11261): Ellen gives cookies to her class
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	35 (1.6) ▲
Indonesia	29 (1.5) ▲
Bahrain	28 (1.1) ▲
International Avg.	23 (0.5)
Jordan	22 (1.2)
Morocco	17 (1.3) ▼
Kuwait	17 (1.3) ▼
South Africa (5)	15 (0.8) ▼
Benchmarking Participant	
Buenos Aires, Argentina	37 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N09_07 (MN11033): Write fraction larger than 1/5
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	64 (1.6) ▲
South Africa (5)	64 (1.1) ▲
Iran, Islamic Rep. of	58 (1.3) ▲
Jordan	54 (1.3)
International Avg.	53 (0.5)
Morocco	47 (1.7) ▼
Indonesia	44 (1.5) ▼
Kuwait	40 (1.5) ▼
Benchmarking Participant	
Buenos Aires, Argentina	49 (2.2)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N09_08 (MN11039): Identify the cylinder
Multiple Choice (Key is A)

Country	Percent Correct
Bahrain	90 (0.7) ▲
Indonesia	82 (1.4) ▲
Jordan	79 (1.0) ▲
South Africa (5)	75 (1.2)
Kuwait	73 (1.8)
International Avg.	73 (0.5)
Morocco	58 (1.6) ▼
Iran, Islamic Rep. of	53 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	63 (1.8) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N09_09 (MN11040): Identify triangle with 2 equal sides
Multiple Choice (Key is D)

Country	Percent Correct
Bahrain	65 (1.2) ▲
South Africa (5)	56 (0.9) ▲
Jordan	55 (1.3) ▲
Indonesia	53 (1.4)
International Avg.	53 (0.6)
Morocco	47 (1.7) ▼
Iran, Islamic Rep. of	46 (2.0) ▼
Kuwait	46 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	56 (1.8)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N09_10 (MN11195): Find the area of the rectangle
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	30 (1.8) ▲
Morocco	26 (1.8) ▲
Indonesia	26 (1.6) ▲
Jordan	24 (1.4) ▲
Bahrain	24 (0.9) ▲
International Avg.	21 (0.5)
Kuwait	14 (1.4) ▼
South Africa (5)	3 (0.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	5 (1.0) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N09_11 (MN11188): Choose the shape with the larger volume
Constructed Response (1 Point)

Country	Percent Correct
Morocco	54 (1.4) ▲
Bahrain	44 (1.2) ▲
Indonesia	43 (2.2) ▲
International Avg.	33 (0.5)
Jordan	30 (1.4) ▼
South Africa (5)	24 (1.0) ▼
Kuwait	19 (1.5) ▼
Iran, Islamic Rep. of	15 (1.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	17 (1.3) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N09_12 (MN11252): Length of Jim's sticker border
Multiple Choice (Key is C)

Country	Percent Correct
Bahrain	45 (1.5) ▲
Iran, Islamic Rep. of	41 (1.6) ▲
Morocco	36 (1.5)
International Avg.	34 (0.5)
Jordan	34 (1.3)
South Africa (5)	31 (1.1) ▼
Indonesia	30 (1.4) ▼
Kuwait	23 (1.1) ▼
Benchmarking Participant	
Buenos Aires, Argentina	39 (1.9) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N10_01 (MN11055): Order 3-digit numbers from smallest to largest
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	82 (0.9) ▲
South Africa (5)	73 (1.3) ▲
Iran, Islamic Rep. of	70 (1.9)
International Avg.	69 (0.5)
Indonesia	67 (1.6)
Jordan	64 (1.2) ▼
Morocco	64 (1.5) ▼
Kuwait	63 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	81 (1.4) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N10_02 (MN11214): Number of apples Zoe gave to each friend
Multiple Choice (Key is C)

Country	Percent Correct
Bahrain	64 (1.5) ▲
Iran, Islamic Rep. of	60 (1.7) ▲
Indonesia	57 (1.7) ▲
International Avg.	54 (0.6)
South Africa (5)	53 (1.1)
Jordan	51 (1.3) ▼
Morocco	51 (1.5) ▼
Kuwait	41 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	65 (1.4) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N10_03A (MN11116A): Who has the most marbles?
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	82 (1.3) ▲
Bahrain	81 (1.5) ▲
Indonesia	76 (1.7) ▲
International Avg.	71 (0.5)
Jordan	68 (1.2) ▼
Kuwait	65 (1.4) ▼
Morocco	64 (1.6) ▼
South Africa (5)	61 (1.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	87 (1.0) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N10_03B (MN11116B): If Andy gets 100 more marbles, who has the most?
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	46 (1.6) ▲
Morocco	38 (1.3) ▲
Iran, Islamic Rep. of	37 (1.8) ▲
Indonesia	35 (2.1)
International Avg.	32 (0.6)
Jordan	25 (1.1) ▼
South Africa (5)	24 (1.1) ▼
Kuwait	19 (1.5) ▼
Benchmarking Participant	
Buenos Aires, Argentina	59 (1.8) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

**N10_04A (MN11066A): Students favorite food - pizza
Constructed Response (1 Point)**

Country	Percent Correct
Bahrain	46 (1.4) ▲
Iran, Islamic Rep. of	32 (1.2) ▲
Jordan	31 (1.5)
Kuwait	29 (1.8)
International Avg.	29 (0.5)
Morocco	26 (1.4) ▼
South Africa (5)	23 (1.2) ▼
Indonesia	16 (1.2) ▼
Benchmarking Participant	
Buenos Aires, Argentina	47 (2.1) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N10_04B (MN11066B): Students favorite food - hamburgers vs. pasta
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	37 (1.2) ▲
Iran, Islamic Rep. of	29 (1.3) ▲
Jordan	25 (1.4) ▲
International Avg.	21 (0.4)
Kuwait	19 (1.2) ▼
Morocco	16 (1.3) ▼
South Africa (5)	13 (1.0) ▼
Indonesia	8 (0.9) ▼
Benchmarking Participant	
Buenos Aires, Argentina	26 (1.8) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N10_05 (MN11260): Number of red pens Beth has
Multiple Choice (Key is B)

Country	Percent Correct
Bahrain	67 (1.4) ▲
Iran, Islamic Rep. of	65 (1.5) ▲
International Avg.	55 (0.6)
Indonesia	54 (1.7)
Jordan	53 (1.6)
South Africa (5)	48 (1.2) ▼
Kuwait	47 (1.5) ▼
Morocco	47 (1.6) ▼
Benchmarking Participant	
Buenos Aires, Argentina	69 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N10_06 (MN11032): Identify the picture with 1/4 of stars shaded
Multiple Choice (Key is D)

Country	Percent Correct
Bahrain	83 (0.7) ▲
Iran, Islamic Rep. of	83 (1.5) ▲
Indonesia	64 (1.8)
International Avg.	64 (0.5)
Jordan	63 (1.2)
Kuwait	63 (1.4)
South Africa (5)	59 (1.3) ▼
Morocco	30 (1.5) ▼
Benchmarking Participant	
Buenos Aires, Argentina	67 (2.0)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N10_07 (MN11170): Identify three and four-tenths
Multiple Choice (Key is B)

Country	Percent Correct
Iran, Islamic Rep. of	84 (1.1) ▲
Bahrain	56 (1.3) ▲
Jordan	55 (1.4) ▲
International Avg.	52 (0.5)
South Africa (5)	50 (1.0) ▼
Morocco	44 (1.4) ▼
Kuwait	41 (1.3) ▼
Indonesia	37 (1.5) ▼
Benchmarking Participant	
Buenos Aires, Argentina	54 (1.9)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N10_08 (MN11068): Write names of shapes on a house
Constructed Response (1 Point)

Country	Percent Correct
Bahrain	81 (1.3) ▲
Morocco	61 (1.7) ▲
Jordan	61 (1.5) ▲
International Avg.	51 (0.6)
South Africa (5)	51 (1.4)
Kuwait	48 (1.3) ▼
Indonesia	30 (1.7) ▼
Iran, Islamic Rep. of	26 (1.7) ▼
Benchmarking Participant	
Buenos Aires, Argentina	54 (1.6)

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N10_09 (MN11269): Total length of Ben's 3 boards
Constructed Response (1 Point)

Country	Percent Correct
Iran, Islamic Rep. of	75 (1.7) ▲
Indonesia	73 (1.6) ▲
Bahrain	70 (1.3) ▲
International Avg.	60 (0.6)
South Africa (5)	57 (1.5) ▼
Jordan	55 (1.5) ▼
Morocco	47 (1.7) ▼
Kuwait	47 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	54 (2.1) ▼

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N10_10 (MN11001): Number of minutes it took Jamie to get to school
Multiple Choice (Key is B)

Country	Percent Correct
Bahrain	51 (1.3) ▲
Iran, Islamic Rep. of	50 (1.6) ▲
Kuwait	41 (1.2)
International Avg.	39 (0.5)
South Africa (5)	36 (1.2) ▼
Jordan	34 (1.3) ▼
Indonesia	31 (1.4) ▼
Morocco	30 (1.4) ▼
Benchmarking Participant	
Buenos Aires, Argentina	55 (1.6) ▲

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

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

TIMSS Numeracy 2015 Percent Correct Statistics for Achievement Items

N10_11 (MN11235): Side lengths of John's new triangle
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Bahrain	15 (0.9) ▲	28 (1.0) ▲
Iran, Islamic Rep. of	13 (0.7) ▲	22 (1.0) ▲
Morocco	10 (1.2)	24 (1.6) ▲
International Avg.	9 (0.3)	20 (0.4)
Jordan	8 (0.8)	18 (1.0) ▼
South Africa (5)	7 (0.6) ▼	15 (0.8) ▼
Indonesia	7 (0.8) ▼	19 (1.3)
Kuwait	6 (0.9) ▼	13 (1.4) ▼
Benchmarking Participants		
Buenos Aires, Argentina	10 (1.0)	16 (1.2) ▼

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

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



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