

Appendix B.2: Distribution of Items Included in the Assessment by Content Domain, Cognitive Domain, and Item Format

TIMSS Assessment Items	Multiple-Choice Items	Constructed Response Items	Total Items	Percentage of Score Points
Content Domain				
Number	29 (29)	35 (41)	64 (70)	31%
Algebra	35 (35)	27 (30)	62 (65)	28%
Geometry	22 (22)	21 (25)	43 (47)	21%
Data and Chance	29 (31)	14 (16)	43 (47)	21%
Total	115 (117)	97 (112)	212 (229)	100%
Percentage of Score Points	51%	49%		
Cognitive Domain				
Knowing	50 (50)	19 (20)	69 (70)	31%
Applying	48 (48)	47 (55)	95 (103)	45%
Reasoning	17 (19)	31 (37)	48 (56)	24%
Total	115 (117)	97 (112)	212 (229)	100%
Percentage of Score Points	51%	49%		

Score points are shown in parentheses.
 Because of rounding some results may appear inconsistent.

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