

Exhibit 1.6: TIMSS Advanced 2015 Number of Field Test Items by Cognitive Domain and Item Format

Cognitive Domain	Number of Multiple-Choice Items	Number of Constructed Response Items	Total Number of Items	Total Number of Score Points	Percentage of Score Points
Advanced Mathematics Items					
Knowing	28	9	37	38	25%
Applying	24	27	51	62	40%
Reasoning	16	28	44	54	35%
Total	68	64	132	154	
Physics Items					
Knowing	29	12	41	42	30%
Applying	16	42	58	61	44%
Reasoning	18	16	34	35	25%
Total	63	70	133	138	

Because percentages are rounded to the nearest whole number, some totals may appear inconsistent.