

Fourth-Grade Mathematics

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TIMSS 2011 TCMA National Item Selection

Fourth-Grade Mathematics

Country Item (pts)			● Item covered in national curriculum										○ Item not covered in national curriculum														
			Poland	Portugal	Qatar	Romania	Russian Federation	Serbia	Singapore	Slovak Republic	Slovenia	Spain	Sweden	Thailand	Tunisia	Turkey	United Arab Emirates	United States	Yemen								
M01_01A	M031346A	(1)	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	○	Sixth Grade Countries	Botswana	Yemen (6)	Benchmarking Participants	Alberta, Canada	Ontario, Canada	Quebec, Canada	Abu Dhabi, UAE	Dubai, UAE
M01_01B	M031346B	(1)	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	○		●	○		●	●	●	●	●
M01_01C	M031346C	(2)	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	○		●	○		●	●	●	●	●
M01_02	M031379	(1)	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	○	●	●	○	●	●	●	●	●	
M01_03	M031380	(1)	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	○	●	●	○	●	●	●	●	●	
M01_05	M031313	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
M01_06	M031083	(1)	○	●	●	●	○	●	○	○	●	●	●	●	○	●	●	●	○	●	○	●	●	●	●	●	
M01_07	M031071	(1)	○	●	●	○	○	○	●	○	○	●	●	○	●	○	○	○	○	●	○	○	●	○	○	●	
M01_08	M031185	(1)	●	●	●	●	○	●	●	●	●	●	●	○	●	●	●	○	●	●	○	●	●	○	○	●	
M02_01	M051305	(1)	○	●	●	○	○	○	●	○	○	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	
M02_02	M051091	(1)	○	●	●	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M02_03	M051001	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M02_04	M051007	(1)	○	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M02_05	M051203	(1)	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M02_06	M051601	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M02_07A	M051064A	(1)	○	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M02_07B	M051064B	(1)	○	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M02_08	M051015	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M02_09	M051123	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M02_10	M051109	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M02_11	M051117	(1)	○	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_01	M041010	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_02	M041098	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_03	M041064	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_04	M041003	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_05	M041104	(1)	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_06	M041299	(1)	○	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_07	M041329	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_08	M041143	(2)	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_09	M041158	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_10	M041328	(1)	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_11	M041155	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_12	M041284	(2)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_13	M041335	(1)	○	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M03_14	M041184	(1)	○	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M04_01	M051205	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M04_02	M051039	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M04_03	M051055	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M04_04	M051006	(2)	○	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M04_05	M051070	(1)	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M04_06	M051018	(1)	○	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M04_07	M051407	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M04_08	M051410	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M04_09	M051059	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M04_10	M051093	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M04_11	M051134	(1)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M04_12	M051077	(1)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M05_01	M031128	(1)	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M05_02	M031016	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
M05_03	M031183	(2)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	

Country Item (pts)			● Item covered in national curriculum																	○ Item not covered in national curriculum																
			Armenia	Australia	Austria	Azerbaijan	Belgium (Flemish)	Chile	Chinese Taipei	Croatia	Czech Republic	Denmark	England	Finland	Germany	Hong Kong SAR	Hungary	Iran, Islamic Rep. of	Ireland	Italy	Japan	Kazakhstan	Korea, Rep. of	Kuwait	Lithuania	Malta	Morocco	Netherlands	New Zealand	Northern Ireland	Norway	Oman				
M05_05	M031187	(1)	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
M05_06	M031251	(1)	●	●	●	●	●	○	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●				
M05_07	M031294	(1)	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
M05_08	M031297	(1)	●	●	●	●	●	○	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
M05_09	M031218	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
M05_10	M031109	(1)	●	●	○	●	●	●	●	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●				
M05_11	M031159	(1)	●	●	○	●	○	●	○	●	●	●	●	○	○	●	●	●	●	○	●	○	○	●	●	○	○	●	●	●	●	●				
M05_12	M031133	(1)	●	●	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●				
M06_01	M041107	(1)	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
M06_02	M041011	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
M06_03	M041122	(2)	●	○	○	●	○	○	○	○	○	○	○	○	○	●	●	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○				
M06_04	M041041	(1)	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M06_05	M041320	(1)	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M06_06A	M041115A	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M06_06B	M041115B	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M06_07A	M041160A	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M06_07B	M041160B	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M06_08	M041327	(1)	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M06_09	M041148	(2)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M06_10	M041265	(1)	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M06_11	M041175	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M06_12	M041199	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M07_01	M031210	(1)	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M07_02	M031009	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M07_03	M031252	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M07_04	M031316	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M07_05	M031317	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M07_06B	M031079B	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M07_06C	M031079C	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M07_07	M031004	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M07_08	M031043	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M07_09	M031325	(1)	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M07_10	M031088	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M07_11	M031093	(1)	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M07_12	M031155	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M08_01	M051206	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M08_02	M051052	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M08_03	M051049	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M08_04	M051045	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M08_05	M051098	(1)	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M08_06	M051030	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M08_07	M051502	(1)	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M08_08	M051224	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M08_09	M051207	(1)	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M08_10	M051427	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M08_11	M051533	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M08_12	M051080	(1)	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M09_01	M041291	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M09_02	M041289	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
M09_03	M041068	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				

TIMSS 2011 TCMA National Item Selection

Fourth-Grade Mathematics

Country Item (pts)			● Item covered in national curriculum												○ Item not covered in national curriculum											
			Poland	Portugal	Qatar	Romania	Russian Federation	Serbia	Singapore	Slovak Republic	Slovenia	Spain	Sweden	Thailand	Tunisia	Turkey	United Arab Emirates	United States	Yemen							
M05_05	M031187	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○								
M05_06	M031251	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	○	●	●								
M05_07	M031294	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●								
M05_08	M031297	(1)	○	●	●	○	○	●	●	●	○	●	●	●	●	●	○	●								
M05_09	M031218	(1)	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●								
M05_10	M031109	(1)	●	●	●	●	●	●	●	○	●	●	●	●	●	●	○	●								
M05_11	M031159	(1)	○	●	●	●	○	●	●	●	●	●	●	○	●	○	●	○								
M05_12	M031133	(1)	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	○								
M06_01	M041107	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●								
M06_02	M041011	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○								
M06_03	M041122	(2)	●	●	●	●	○	●	●	●	○	●	●	●	●	●	●	○								
M06_04	M041041	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●								
M06_05	M041320	(1)	○	●	●	●	○	●	●	○	●	●	○	●	●	●	●	●								
M06_06A	M041115A	(1)	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●								
M06_06B	M041115B	(1)	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●								
M06_07A	M041160A	(1)	○	●	●	●	○	●	○	●	●	●	●	●	●	●	○									
M06_07B	M041160B	(1)	○	●	●	●	○	●	○	●	●	●	●	●	●	●	○									
M06_08	M041327	(1)	●	●	●	●	○	○	●	○	●	●	○	●	●	●	○									
M06_09	M041148	(2)	●	○	●	●	○	○	●	○	●	●	○	●	●	●	○									
M06_10	M041265	(1)	○	○	●	●	○	○	○	○	●	●	○	●	○	○	○									
M06_11	M041175	(1)	○	●	●	●	○	●	○	●	●	●	○	●	●	●	○									
M06_12	M041199	(1)	○	●	●	●	○	●	○	●	●	●	○	●	●	●	○									
M07_01	M031210	(1)	○	○	●	●	○	●	●	○	●	○	○	●	○	●	●									
M07_02	M031009	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●									
M07_03	M031252	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●									
M07_04	M031316	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●									
M07_05	M031317	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●									
M07_06B	M031079B	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●									
M07_06C	M031079C	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●									
M07_07	M031004	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●									
M07_08	M031043	(1)	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●									
M07_09	M031325	(1)	●	●	●	○	○	○	●	○	○	●	●	●	○	○	●									
M07_10	M031088	(1)	○	●	●	●	○	●	○	●	●	●	○	●	●	○	○									
M07_11	M031093	(1)	●	●	●	●	○	○	●	○	●	●	○	●	●	●	○									
M07_12	M031155	(1)	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●									
M08_01	M051206	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●									
M08_02	M051052	(1)	●	●	●	●	●	●	●	●	●	●	○	●	●	●	○									
M08_03	M051049	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●									
M08_04	M051045	(1)	●	●	●	●	●	●	○	●	●	●	○	●	●	●	●									
M08_05	M051098	(1)	○	○	●	●	○	○	●	○	●	○	○	●	●	○	●									
M08_06	M051030	(1)	○	●	●	●	○	●	●	○	○	●	○	●	○	○	●									
M08_07	M051502	(1)	●	●	●	●	○	●	○	●	●	●	●	●	●	○	○									
M08_08	M051224	(1)	●	●	●	●	○	●	○	●	○	●	○	●	●	○	○									
M08_09	M051207	(1)	●	○	●	○		○	○	○	○	●	○	●	○	○	○									
M08_10	M051427	(1)	●	●	●	●	●	●	○	●	○	●	○	●	○	●	○									
M08_11	M051533	(1)	●	●	●	●	○	●	○	●	●	●	○	●	●	○	○									
M08_12	M051080	(1)	○	●	●	●	○	●	○	●	○	●	○	●	●	○	○									
M09_01	M041291	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●									
M09_02	M041289	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●									
M09_03	M041068	(1)	○	●	●	●	○	○	●	○	○	●	○	●	●	○	○									

Country Item (pts)			● Item covered in national curriculum																○ Item not covered in national curriculum															
			Armenia	Australia	Austria	Azerbaijan	Belgium (Flemish)	Chile	Chinese Taipei	Croatia	Czech Republic	Denmark	England	Finland	Germany	Hong Kong SAR	Hungary	Iran, Islamic Rep. of	Ireland	Italy	Japan	Kazakhstan	Korea, Rep. of	Kuwait	Lithuania	Malta	Morocco	Netherlands	New Zealand	Northern Ireland	Norway	Oman		
M09_04A	M041065A	(1)	●	●	●	○	●	●	●	○	○	●	●	●	○	●	●	○	●	●	○	●	●	●	●	○	●	●	●	●	●	●		
M09_04B	M041065B	(1)	●	●	○	○	●	●	●	○	○	●	●	●	●	●	●	●	○	●	○	●	●	●	●	●	○	●	●	●	●	●		
M09_05	M041096	(1)	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
M09_06	M041125	(1)	●	●	●	●	●	●	○	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●		
M09_07	M041135	(1)	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	○	○	○	○	●	●	●	●	●	●		
M09_08	M041257	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	●	○	●	○	●	●	●		
M09_09	M041268	(1)	●	●	○	●	●	○	●	●	●	●	●	○	●	●	●	●	●	○	●	●	●	●	●	●	○	●	○	●	●	●		
M09_10	M041151	(1)	●	●	●	●	○	●	○	●	●	●	●	○	●	○	●	●	●	●	○	○	●	●	●	○	○	●	●	●	●	●		
M09_11	M041264	(1)	●	●	●	●	●	○	●	○	○	●	●	○	●	●	●	●	●	●	○	●	●	●	●	○	○	○	○	○	○	○		
M09_12	M041182	(1)	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●		
M09_13	M041200	(2)	●	●	●	●	●	●	○	○	○	●	●	●	●	●	○	●	●	●	○	○	●	●	●	○	○	○	○	○	○	○		
M10_01	M051140	(1)	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
M10_02	M051017	(1)	●	●	●	●	●	●	●	●	○	●	●	○	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○		
M10_03	M051111	(1)	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
M10_04	M051089	(1)	●	●	○	○	●	○	○	○	○	●	●	○	●	○	○	●	●	●	○	○	●	●	●	●	○	○	○	○	○	○		
M10_05	M051094	(1)	●	●	●	○	●	○	●	○	○	●	●	○	○	○	○	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○		
M10_06	M051227	(1)	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M10_07	M051060	(1)	●	●	○	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M10_08Z	M051061Z	(1)	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M10_09	M051129	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M10_10	M051236	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M10_11A	M051125A	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M10_11B	M051125B	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_01	M041298	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_02	M041007	(1)	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_03	M041280	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_04	M041059	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_05	M041046	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_06	M041048	(1)	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_07	M041169	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_08	M041333	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_09	M041262	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_10	M041267	(1)	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_11	M041177	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_12	M041271	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_13A	M041276A	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M11_13B	M041276B	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M12_01	M051401	(1)	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M12_02	M051075	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M12_03	M051402	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○		
M12_04	M051226	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M12_05	M051131	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M12_06	M051103	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M12_07	M051217	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M12_08	M051079	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M12_09	M051211	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M12_10	M051102	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M12_11	M051009	(1)	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
M12_12	M051100	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○									

Fourth-Grade Mathematics

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Fourth-Grade Mathematics

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TIMSS 2011 TCMA National Item Selection

Fourth-Grade Mathematics

<div>Country</div> <div>Item (pts)</div>			● Item covered in national curriculum												○ Item not covered in national curriculum											
			Poland	Portugal	Qatar	Romania	Russian Federation	Serbia	Singapore	Slovak Republic	Slovenia	Spain	Sweden	Thailand	Tunisia	Turkey	United Arab Emirates	United States	Yemen							
M13_02	M041023	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●								
M13_03	M041034	(1)	●	●	●	○	●	●	●	●	●	○	●	●	●	●	●	●								
M13_04	M041087	(1)	○	●	●	○	○	○	●	○	●	○	●	○	○	●	●	●								
M13_05	M041124	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●								
M13_06A	M041302A	(1)	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●								
M13_06B	M041302B	(1)	●	●	●	●	○	●	●	●	●	●	●	○	●	●	●	●								
M13_06C	M041302C	(1)	●	●	●	●	○	○	●	○	●	●	●	○	○	●	○	○								
M13_07	M041254	(1)	○	○	●	●	○	●	●	○	●	●	●	○	●	○	○	○								
M13_08	M041153	(1)	●	●	●	●	○	●	●	●	○	●	●	○	●	●	○	○								
M13_09	M041132	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●								
M13_10	M041165	(2)	●	●	●	●	○	○	●	○	●	○	●	○	●	○	○	○								
M13_11	M041174	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●								
M13_12	M041191	(1)	○	●	●	●	○	●	●	●	●	●	●	●	●	●	○	○								
M14_01	M051043	(1)	●	●	●	●	●	●	●	●	○	●	●	●	●	●	○	○								
M14_02	M051040	(1)	●	●	●	●	○	●	●	●	●	●	○	●	●	●	●	●								
M14_03	M051008	(1)	●	●	●	●	●	●	●	●	●	●	●	○	●	●	○	○								
M14_04A	M051031A	(1)	●	●	●	●	○	●	●	●	●	●	○	●	●	●	●	●								
M14_04B	M051031B	(1)	●	●	●	●	○	●	●	●	●	●	○	●	●	●	○	○								
M14_05	M051508	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	○	○								
M14_06A	M051216A	(1)	●	●	●	●	○	●	●	○	●	●	●	●	●	●	●	●								
M14_06B	M051216B	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●								
M14_07	M051221	(1)	○	●	●	●	○	●	●	●	●	●	○	●	●	●	●	●								
M14_08	M051115	(1)	○	●	●	●	○	●	○	○	○	●	○	●	○	○	○	○								
M14_09A	M051507A	(1)	○	●	●	●	○	●	●	●	●	●	●	●	●	●	○	○								
M14_09B	M051507B	(1)	○	●	●	●	○	●	●	●	●	●	●	●	●	●	○	○								
			Sixth Grade Countries																							
			Botswana																							
			Yemen (6)																							
			Benchmarking Participants																							
			Alberta, Canada																							
			Ontario, Canada																							
			Quebec, Canada																							
			Abu Dhabi, UAE																							
			Dubai, UAE																							

Sixth Grade Countries

Botswana
Yemen (6)

Benchmarking Participants

Alberta, Canada
Ontario, Canada
Quebec, Canada
Abu Dhabi, UAE
Dubai, UAE