

Appendix 17D: Derived Items in the TIMSS 2019 Problem Solving and Inquiry Tasks

Grade 4

MI01_04A – MQ11A04A: Item parts A and B are combined to create a 1-point item, where 1 score point is awarded if both parts are correct

MI01_05B – MQ11A05B: Item parts A and B are combined to create a 1-point item, where 1 score point is awarded if both parts are correct

MI01_09 – MQ11R03: Item parts A and B are combined to create a 1-point item, where 1 score point is awarded if both parts are correct

MI02_01B – MQ11P01B: Item parts A, B, C, D, and E are combined to create a 2-point item, where 2 score points are awarded if all parts are correct and 1 score point is awarded if all parts are correct except for either part C or part E

MI02_04 – MQ11P04: Item parts AA and AB are combined to create a 2-point item, where 2 score points are awarded if both are correct and 1 score point is awarded if 1 part is correct (part B is excluded)

SI01_03 – SQ11F03: Item parts A, B, C, and D are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

SI01_04 – SQ11F04: Item parts A, B, C, and D are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

SI01_06 – SQ11F06: Item parts A, B, C, D, E, and F are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

SI01_08 – SQ11F08: Item parts A and B are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

SI02_03 – SQ11S03: Item parts A and B are combined to create a 2-point item, where 2 score points are awarded if both parts are correct and 1 score point is awarded if only part A is correct

SI02_04 – SQ11S04: Item parts A and B are combined to create a 2-point item, where 2 score points are awarded if both parts are correct and 1 score point is awarded if 1 part is correct

Grade 8

MI02_02A – MQ12D02A: Item parts A, B, and C are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

MI02_04 – MQ12D04: Item parts A and B are combined to create a 1-point item, where 1 score point is awarded if both parts are correct or if only part A is correct

SI01_09 – SQ12S09: Item parts A, B, and C are combined to create a 1-point item, where 1 score point is awarded if all parts are correct