

## 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