

SBAC Block Mirror: Math Grade 3 Measurement and Data (AE130161)

Item Number	Item ID	Item Type	Standard Abbreviation	Standard Text	Cluster	Claim	Target(s)	Correct Answer	DOK
1	E259628	Multiple Choice	MA.3.MD.A.1	Tell and write time to the nearest minute and measure time intervals in minutes. Solve word problems involving addition and subtraction of time intervals in minutes, e.g., by representing the problem on a number line diagram.	MA.3.MD.A	1	H	D	1
2	E259636	Technology Enhanced - Cloze Association	MA.3.MD.D.8	Solve real world and mathematical problems involving perimeters of polygons, including finding the perimeter given the side lengths, finding an unknown side length, and exhibiting rectangles with the same perimeter and different areas or with the same area and different perimeters.	MA.3.MD.D	1	J	autoscore	1
3	E227569	Technology Enhanced - Cloze Dropdown	MA.3.MD.A.1	Tell and write time to the nearest minute and measure time intervals in minutes. Solve word problems involving addition and subtraction of time intervals in minutes, e.g., by representing the problem on a number line diagram.	MA.3.MD.A	2	A, B	autoscore	2
4	E260742	Technology Enhanced - Math Formula	MA.3.MD.A.2	Measure and estimate liquid volumes and masses of objects using standard units of grams (g), kilograms (kg), and liters (l). Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units, e.g., by using drawings (such as a beaker with a measurement scale) to represent the problem.	MA.3.MD.A	1	G	autoscore	2
5	E205272	Multiple Choice	MA.3.MD.C.5	Recognize area as an attribute of plane figures and understand concepts of area measurement.	MA.3.MD.C	1	I	D	2
6	E259722	Technology Enhanced - Cloze Association	MA.3.MD.C.7	Relate area to the operations of multiplication and addition.	MA.3.MD.C	3	E, F	autoscore	2
7	E259724	Technology Enhanced - Math Formula	MA.3.MD.A.1	Tell and write time to the nearest minute and measure time intervals in minutes. Solve word problems involving addition and subtraction of time intervals in minutes, e.g., by representing the problem on a number line diagram.	MA.3.MD.A	4	F, A	autoscore	2
8	E259634	Technology Enhanced - Math Formula	MA.3.MD.C.7.d	Recognize area as additive. Find areas of rectilinear figures by decomposing them into non-overlapping rectangles and adding the areas of the non-overlapping parts, applying this technique to solve real world problems.	MA.3.MD.C	1	I	autoscore	2
9	E259633	Multiple Choice	MA.3.MD.C.7.a	Find the area of a rectangle with whole-number side lengths by tiling it, and show that the area is the same as would be found by multiplying the side lengths.	MA.3.MD.C	1	I	A	2
10	E242890	Technology Enhanced - Simple Chart	MA.3.MD.B.3	Draw a scaled picture graph and a scaled bar graph to represent a data set with several categories. Solve one- and two-step "how many more" and "how many less" problems using information presented in scaled bar graphs.	MA.3.MD.B	1	H	autoscore	2
11	E259629	Technology Enhanced - Math Formula	MA.3.MD.A.1	Tell and write time to the nearest minute and measure time intervals in minutes. Solve word problems involving addition and subtraction of time intervals in minutes, e.g., by representing the problem on a number line diagram.	MA.3.MD.A	1	G	autoscore	2
12	E262290	Technology Enhanced - Math Formula	MA.3.MD.A.2	Measure and estimate liquid volumes and masses of objects using standard units of grams (g), kilograms (kg), and liters (l). Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units, e.g., by using drawings (such as a beaker with a measurement scale) to represent the problem.	MA.3.MD.A	1	G	autoscore	2
13	E259632	Technology Enhanced - Math Formula	MA.3.MD.C.6	Measure areas by counting unit squares (square cm, square m, square in, square ft, and improvised units).	MA.3.MD.C	1	I	autoscore	2
14	E219757	Technology Enhanced - Simple Chart	MA.3.MD.B.4	Generate measurement data by measuring lengths using rulers marked with halves and fourths of an inch. Show the data by making a line plot, where the horizontal scale is marked off in appropriate units-whole numbers, halves, or quarters.	MA.3.MD.B	1	H	autoscore	2
15	E262291	Technology Enhanced - Math Formula	MA.3.MD.D.8	Solve real world and mathematical problems involving perimeters of polygons, including finding the perimeter given the side lengths, finding an unknown side length, and exhibiting rectangles with the same perimeter and different areas or with the same area and different perimeters.	MA.3.MD.D	1	J	autoscore	1


 Totals
(SBAC bp)

Claim 1	12
Target G	4
Target H	2
Target I	4
Target J	2

Claim 2	1
Claim 3	1
Claim 4	1

