

SBAC Block Mirror: Math Grade 5 Measurement and Data (AE129959)

Item Number	Item ID	Item Type	Standard Abbreviation	Standard Text	Cluster	Claim	Target(s)	Correct Answer	DOK
1	E262295	Technology Enhanced - Math Formula	MA.5.MD.C.5.b	Apply the formulas $V = l \times w \times h$ and $V = b \times h$ for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real world and mathematical problems.	MA.5.MD.C	1	I	autoscore	1
2	E259760	Technology Enhanced - Math Formula	MA.5.MD.B.2	Make a line plot to display a data set of measurements in fractions of a unit ($\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$). Use operations on fractions for this grade to solve problems involving information presented in line plots.	MA.5.MD.B	4	A, D	autoscore	2
3	E259690	Technology Enhanced - Math Formula	MA.5.MD.C.5.b	Apply the formulas $V = l \times w \times h$ and $V = b \times h$ for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real world and mathematical problems.	MA.5.MD.C	1	I	autoscore	2
4	E258967	Multiple Choice	MA.5.MD.B.2	Make a line plot to display a data set of measurements in fractions of a unit ($\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$). Use operations on fractions for this grade to solve problems involving information presented in line plots.	MA.5.MD.B	1	H	B	2
5	E262294	Technology Enhanced - Math Formula	MA.5.MD.C.3	Recognize volume as an attribute of solid figures and understand concepts of volume measurement.	MA.5.MD.C	1	I	autoscore	2
6	E262296	Technology Enhanced - Math Formula	MA.5.MD.C.5.b	Apply the formulas $V = l \times w \times h$ and $V = b \times h$ for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real world and mathematical problems.	MA.5.MD.C	2	A, C	autoscore	2
7	E259758	Multiple Choice	MA.5.MD.A	Convert like measurement units within a given measurement system.	MA.5.MD.A	2	D, A	C	2
8	E259661	Technology Enhanced - Math Formula	MA.5.MD.C.3	Recognize volume as an attribute of solid figures and understand concepts of volume measurement.	MA.5.MD.C	1	I	autoscore	2
9	E259764	Multiple Choice	MA.5.MD.C.5	Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume.	MA.5.MD.C	3	A, B	C	2
10	E259663	Technology Enhanced - Math Formula	MA.5.MD.C.4	Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.	MA.5.MD.C	1	I	autoscore	2
11	E217887	Technology Enhanced - Simple Chart	MA.5.MD.B.2	Make a line plot to display a data set of measurements in fractions of a unit ($\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$). Use operations on fractions for this grade to solve problems involving information presented in line plots.	MA.5.MD.B	1	H	autoscore	2
12	E263361	Technology Enhanced - Cloze Association	MA.5.MD.C.5.a	Find the volume of a right rectangular prism with whole-number side lengths by packing it with unit cubes, and show that the volume is the same as would be found by multiplying the edge lengths, equivalently by multiplying the height by the area of the base. Represent threefold whole-number products as volumes, e.g., to represent the associative property of multiplication.	MA.5.MD.C	2	D, A	autoscore	2
13	E262293	Technology Enhanced - Math Formula	MA.5.MD.A.1	Convert among different-sized standard measurement units within a given measurement system (e.g., convert 5 cm to 0.05 m), and use these conversions in solving multi-step, real world problems.	MA.5.MD.A	1	G	autoscore	2
14	E259689	Technology Enhanced - Cloze Association	MA.5.MD.C.5.b	Apply the formulas $V = l \times w \times h$ and $V = b \times h$ for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real world and mathematical problems.	MA.5.MD.C	1	I	autoscore	2

Totals (SBAC bp)	Claim 1	9
	Target G	1
	Target H	2
	Target I	6
	Claim 2	3
	Claim 3	1
	Claim 4	1

