

SBAC Block Mirror: Math Grade 6 Geometry (AE132943)

Item Number	Item ID	Item Type	Standard Abbreviation	Standard Text	Cluster	Claim	Target(s)	Correct Answer	DOK
1	E262298	Technology Enhanced - Math Formula	MA.6.G.A.1	Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.	MA.6.G.A	1	H	autoscore	1
2	E226282	Technology Enhanced - Math Formula	MA.6.G.A.4	Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.	MA.6.G.A	1	H	autoscore	2
3	E259702	Technology Enhanced - Graph Plotting	MA.6.G.A.3	Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate. Apply these techniques in the context of solving real-world and mathematical problems.	MA.6.G.A	1	H	autoscore	1
4	E259701	Technology Enhanced - Math Formula	MA.6.G.A.2	Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas $V = l w h$ and $V = b h$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems.	MA.6.G.A	1	H	autoscore	2
5	E262299	Technology Enhanced - Math Formula	MA.6.G.A.3	Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate. Apply these techniques in the context of solving real-world and mathematical problems.	MA.6.G.A	1	H	autoscore	2
6	E263269	Technology Enhanced - Cloze Association	MA.6.G.A.2	Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas $V = l w h$ and $V = b h$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems.	MA.6.G.A	3	B, A	autoscore	2
7	E262300	Technology Enhanced - Math Formula	MA.6.G.A.4	Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.	MA.6.G.A	1	H	autoscore	2
8	E259705	Technology Enhanced - Math Formula	MA.6.G.A	Solve real-world and mathematical problems involving area, surface area, and volume.	MA.6.G.A	2	C, D	autoscore	2
9	E263398	Multiple Correct Answer	MA.6.G.A.4	Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.	MA.6.G.A	4	D, A	A, C, D	2
10	E225456	Technology Enhanced - Graph Plotting	MA.6.G.A.3	Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate. Apply these techniques in the context of solving real-world and mathematical problems.	MA.6.G.A	1	H	autoscore	1
11	E262301	Technology Enhanced - Math Formula	MA.6.G.A.4	Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.	MA.6.G.A	1	H	autoscore	2
12	E259693	Technology Enhanced - Math Formula	MA.6.G.A.1	Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.	MA.6.G.A	1	H	autoscore	2

13	E234781	Technology Enhanced - Cloze Association	MA.6.G.A.1	Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.	MA.6.G.A	1	H	autoscore	2
14	E262297	Technology Enhanced - Math Formula	MA.6.G.A.2	Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas $V = l w h$ and $V = b h$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems.	MA.6.G.A	1	H	autoscore	1

Totals (SBAC bp)	Claim 1	11
	Claim 2	1
	Claim 3	1
	Claim 4	1