

SBAC Block Mirror: Math Grade 8 Geometry (AE134324)

Item Number	Item ID	Item Type	Standard Abbreviation	Standard Text	Cluster	Claim	Target(s)	Correct Answer	DOK
1	E263430	Multiple Choice	MA.8.G.C.9	Know the formulas for the volumes of cones, cylinders, and spheres and use them to solve real-world and mathematical problems.	MA.8.G.C	1	I	B	1
2	E225003	Technology Enhanced - Math Formula	MA.8.G.B.7	Apply the Pythagorean Theorem to determine unknown side lengths in right triangles in real-world and mathematical problems in two and three dimensions.	MA.8.G.B	1	H	autoscore	2
3	E263426	Technology Enhanced - Cloze Association	MA.8.G.A.1	Verify experimentally the properties of rotations, reflections, and translations	MA.8.G.A	1	G	autoscore	1
4	E215034	Technology Enhanced - Math Formula	MA.8.G.C.9	Know the formulas for the volumes of cones, cylinders, and spheres and use them to solve real-world and mathematical problems.	MA.8.G.C	1	I	autoscore	2
5	E263632	Technology Enhanced - Cloze Association	MA.8.G.B.6	Explain a proof of the Pythagorean Theorem and its converse.	MA.8.G.B	3	F, B	autoscore	2
6	E263469	Technology Enhanced - Math Formula	MA.8.G.B.8	Apply the Pythagorean Theorem to find the distance between two points in a coordinate system.	MA.8.G.B	1	H	autoscore	2
7	E263427	Technology Enhanced - Graph Plotting	MA.8.G.A.3	Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.	MA.8.G.A	1	G	autoscore	2
8	E263470	Technology Enhanced - Math Formula	MA.8.G.C	Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.	MA.8.G.C	4	A, B	autoscore	2
9	E263429	Multiple Choice	MA.8.G.B.8	Apply the Pythagorean Theorem to find the distance between two points in a coordinate system.	MA.8.G.B	1	H	C	2
10	E263425	Technology Enhanced - Math Formula	MA.8.G.A.1	Verify experimentally the properties of rotations, reflections, and translations	MA.8.G.A	1	G	autoscore	1
11	E263447	Technology Enhanced - Cloze Association	MA.8.G.A.2	Understand that a two-dimensional figure is congruent to another if the second can be obtained from the first by a sequence of rotations, reflections, and translations; given two congruent figures, describe a sequence that exhibits the congruence between them.	MA.8.G.A	1	G	autoscore	2
12	E263562	Technology Enhanced - Math Formula	MA.8.G.B.7	Apply the Pythagorean Theorem to determine unknown side lengths in right triangles in real-world and mathematical problems in two and three dimensions.	MA.8.G.B	1	H	autoscore	2
13	E263454	Technology Enhanced - Cloze Dropdown	MA.8.G.A.3	Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.	MA.8.G.A	1	G	autoscore	2
14	E263561	Multiple Choice	MA.8.G.C.9	Know the formulas for the volumes of cones, cylinders, and spheres and use them to solve real-world and mathematical problems.	MA.8.G.C	1	I	A	2
15	E263461	Technology Enhanced - Cloze Association	MA.8.G.B.7	Apply the Pythagorean Theorem to determine unknown side lengths in right triangles in real-world and mathematical problems in two and three dimensions.	MA.8.G.B	1	H	autoscore	2

Totals	Claim 1	13
(SBAC bp)	Target G	5
	Target H	5
	Target I	3
	Claim 2	0
	Claim 3	1
	Claim 4	1

