

SBAC Block Mirror: Math Grade 7 Ratio and Proportional Relationships (AE134319)

Item Number	Item ID	Item Type	Standard Abbreviation	Standard Text	Cluster	Claim	Target(s)	Correct Answer	DOK
1	E261710	Multiple Correct Answer	MA.7.RP.A.2.a	Decide whether two quantities are in a proportional relationship, e.g., by testing for equivalent ratios in a table or graphing on a coordinate plane and observing whether the graph is a straight line through the origin.	MA.7.RP.A	1	A	B, C	2
2	E174700	Multiple Choice	MA.7.RP.A.3	Use proportional relationships to solve multistep ratio and percent problems.	MA.7.RP.A	1	A	A	2
3	E259804	Multiple Choice	MA.7.RP.A.2.c	Represent proportional relationships by equations.	MA.7.RP.A	1	A	B	2
4	E260574	Technology Enhanced - Math Formula	MA.7.RP.A.1	Compute unit rates associated with ratios of fractions, including ratios of lengths, areas and other quantities measured in like or different units	MA.7.RP.A	1	A	autoscore	2
5	E259802	Multiple Choice	MA.7.RP.A	Analyze proportional relationships and use them to solve real-world and mathematical problems.	MA.7.RP.A	1	A	D	2
6	E184826	Multiple Choice	MA.7.RP.A.2.b	Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.	MA.7.RP.A	1	A	B	2
7	E261707	Multiple Correct Answer	MA.7.RP.A.2	Recognize and represent proportional relationships between quantities.	MA.7.RP.A	4	B, A	A, D	2
8	E259745	Technology Enhanced - Math Formula	MA.7.RP.A.2.b	Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.	MA.7.RP.A	1	A	autoscore	2
9	E259806	Multiple Choice	MA.7.RP.A.2.c	Represent proportional relationships by equations.	MA.7.RP.A	1	A	A	2
10	E259805	Technology Enhanced - Cloze Association	MA.7.RP.A.2.d	Explain what a point (x, y) on the graph of a proportional relationship means in terms of the situation, with special attention to the points (0, 0) and (1, r) where r is the unit rate.	MA.7.RP.A	1	A	autoscore	2
11	E260790	Multiple Choice	MA.7.RP.A	Analyze proportional relationships and use them to solve real-world and mathematical problems.	MA.7.RP.A	2	A, C	C	2
12	E260483	Technology Enhanced - Cloze Association	MA.7.RP.A.3	Use proportional relationships to solve multistep ratio and percent problems.	MA.7.RP.A	3	E, B	autoscore	2
13	E259790	Multiple Choice	MA.7.RP.A.1	Compute unit rates associated with ratios of fractions, including ratios of lengths, areas and other quantities measured in like or different units	MA.7.RP.A	1	A	D	2

Totals (SBAC bp)	Claim 1	10
	Claim 2	1
	Claim 3	1
	Claim 4	1