

SBAC Block Mirror: Math Grade 4 Operations and Algebraic Thinking (AE130883)

Item Number	Item ID	Item Type	Standard Abbreviation	Standard Text	Cluster	Claim	Target(s)	Correct Answer	DOK
1	E262292	Technology Enhanced - Math Formula	MA.4.OA.A.2	Multiply or divide to solve word problems involving multiplicative comparison, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem, distinguishing multiplicative comparison from additive comparison.	MA.4.OA.A	1	A	autoscore	1
2	E259655	Technology Enhanced - Cloze Association	MA.4.OA.B.4	Find all factor pairs for a whole number in the range 1-100. Recognize that a whole number is a multiple of each of its factors. Determine whether a given whole number in the range 1-100 is a multiple of a given one-digit number. Determine whether a given whole number in the range 1-100 is prime or composite.	MA.4.OA.B	1	B	autoscore	1
3	E259768	Technology Enhanced - Cloze Association	MA.4.OA.A.3	Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.	MA.4.OA.A	3	B, E	autoscore	2
4	E259737	Technology Enhanced - Cloze Association	MA.4.OA.A	Use the four operations with whole numbers to solve problems.	MA.4.OA.A	4	B, F	autoscore	2
5	E181740	Multiple Choice	MA.4.OA.A.3	Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.	MA.4.OA.A	1	A	D	2
6	E259658	Technology Enhanced - Cloze Association	MA.4.OA.B.4	Find all factor pairs for a whole number in the range 1-100. Recognize that a whole number is a multiple of each of its factors. Determine whether a given whole number in the range 1-100 is a multiple of a given one-digit number. Determine whether a given whole number in the range 1-100 is prime or composite.	MA.4.OA.B	1	B	autoscore	2
7	E259742	Technology Enhanced - Cloze Association	MA.4.OA.A.3	Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.	MA.4.OA.A	3	E, B	autoscore	2
8	E259659	Technology Enhanced - Cloze Association	MA.4.OA.C.5	Generate a number or shape pattern that follows a given rule. Identify apparent features of the pattern that were not explicit in the rule itself.	MA.4.OA.C	1	C	autoscore	3
9	E263265	Technology Enhanced - Order List	MA.4.OA.A.3	Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.	MA.4.OA.A	4	F, D	autoscore	2
10	E259738	Multiple Choice	MA.4.OA.A.1	Interpret a multiplication equation as a comparison, e.g., interpret $35 = 5 \times 7$ as a statement that 35 is 5 times as many as 7 and 7 times as many as 5. Represent verbal statements of multiplicative comparisons as multiplication equations.	MA.4.OA.A	4	E, B	B	2
11	E259739	Technology Enhanced - Math Formula	MA.4.OA.A.3	Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.	MA.4.OA.A	2	C, A	autoscore	2
12	E259657	Technology Enhanced - Cloze Association	MA.4.OA.B.4	Find all factor pairs for a whole number in the range 1-100. Recognize that a whole number is a multiple of each of its factors. Determine whether a given whole number in the range 1-100 is a multiple of a given one-digit number. Determine whether a given whole number in the range 1-100 is prime or composite.	MA.4.OA.B	1	B	autoscore	2

13	E261036	Multiple Choice	MA.4.OA.A.1	Interpret a multiplication equation as a comparison, e.g., interpret $35 = 5 \times 7$ as a statement that 35 is 5 times as many as 7 and 7 times as many as 5. Represent verbal statements of multiplicative comparisons as multiplication equations.	MA.4.OA.A	2	C, A	D	2
14	E259652	Technology Enhanced - Math Formula	MA.4.OA.A	Use the four operations with whole numbers to solve problems.	MA.4.OA.A	1	A	autoscore	2
15	E259654	Technology Enhanced - Math Formula	MA.4.OA.A.2	Multiply or divide to solve word problems involving multiplicative comparison, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem, distinguishing multiplicative comparison from additive comparison.	MA.4.OA.A	1	A	autoscore	2
16	E259656	Multiple Choice	MA.4.OA.B.4	Find all factor pairs for a whole number in the range 1-100. Recognize that a whole number is a multiple of each of its factors. Determine whether a given whole number in the range 1-100 is a multiple of a given one-digit number. Determine whether a given whole number in the range 1-100 is prime or composite.	MA.4.OA.B	1	B	C	1

Totals (SBAC bp)	Claim 1	9
	Target A	4
	Target B	4
	Target C	1
	Claim 2	2
	Claim 3	2
	Claim 4	3