

SBAC Block Mirror: Math Grade 6 The Number System (AE136530)

Item Number	Item ID	Item Type	Standard Abbreviation	Standard Text	Cluster	Claim	Target(s)	Correct Answer	DOK
1	E261613	Technology Enhanced - Math Formula	MA.6.NS.C.5	Understand that positive and negative numbers are used together to describe quantities having opposite directions or values (e.g., temperature above/below zero, elevation above/below sea level, credits/debits, positive/negative electric charge); use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation.	MA.6.NS.C	1	D	autoscore	1
2	E261615	Technology Enhanced - Graph Plotting	MA.6.NS.C.6.c	Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.	MA.6.NS.C	1	D	autoscore	1
3	E261607	Technology Enhanced - Math Formula	MA.6.NS.B.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.	MA.6.NS.B	1	C	autoscore	1
4	E261611	Technology Enhanced - Cloze Association	MA.6.NS.B.4	Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1–100 with a common factor as a multiple of a sum of two whole numbers with no common factor.	MA.6.NS.B	1	C	autoscore	1
5	E261608	Technology Enhanced - Math Formula	MA.6.NS.B.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.	MA.6.NS.B	1	C	autoscore	2
6	E261605	Technology Enhanced - Math Formula	MA.6.NS.A.1	Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.	MA.6.NS.A	2	A, C	autoscore	2
7	E262448	Technology Enhanced - Cloze Association	MA.6.NS.C	Apply and extend previous understandings of numbers to the system of rational numbers.	MA.6.NS.C	3	A, G	autoscore	2
8	E261618	Technology Enhanced - Math Formula	MA.6.NS.C.8	Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. Include use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate.	MA.6.NS.C	1	D	autoscore	2
9	E263804	Multiple Correct Answer	MA.6.NS.A.1	Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.	MA.6.NS.A	1	B	A, C	2
10	E261617	Technology Enhanced - Number Line	MA.6.NS.C.7.c	Understand the absolute value of a rational number as its distance from 0 on the number line; interpret absolute value as magnitude for a positive or negative quantity in a real-world situation.	MA.6.NS.C	1	D	autoscore	2
11	E261612	Technology Enhanced - Math Formula	MA.6.NS.B.4	Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1–100 with a common factor as a multiple of a sum of two whole numbers with no common factor.	MA.6.NS.B	1	D	autoscore	2
12	E261616	Technology Enhanced - Sort List	MA.6.NS.C.7.b	Write, interpret, and explain statements of order for rational numbers in real-world contexts.	MA.6.NS.C	1	C	autoscore	2
13	E261606	Technology Enhanced - Math Formula	MA.6.NS.B.2	Fluently divide multi-digit numbers using the standard algorithm.	MA.6.NS.B	1	C	autoscore	1
14	E261614	Technology Enhanced - Cloze Association	MA.6.NS.C.6.c	Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.	MA.6.NS.C	1	D	autoscore	1
15	E261602	Technology Enhanced - Math Formula	MA.6.NS.A.1	Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.	MA.6.NS.A	1	B	autoscore	1

Totals (SBAC bp)	Claim 1	13
	Target B	2
	Target C	5
	Target D	6
	Claim 2	1
	Claim 3	1
	Claim 4	0

