

SBAC Block Mirror: Math Grade 5 Number and Operations in Base Ten (AE129957)

Item Number	Item ID	Item Type	Standard Abbreviation	Standard Text	Cluster	Claim	Target(s)	Correct Answer	DOK
1	E258274	Multiple Choice	MA.5.NBT.B.6	Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.	MA.5.NBT.B	1	D	C	1
2	E214580	Technology Enhanced - Cloze Association	MA.5.NBT.A.3.a	Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., $347.392 = 3 \times 100 + 4 \times 10 + 7 \times 1 + 3 \times (1/10) + 9 \times (1/100) + 2 \times (1/1000)$.	MA.5.NBT.A	1	C	autoscore	1
3	E195745	Multiple Choice	MA.5.NBT.B.5	Fluently multiply multi-digit whole numbers using the standard algorithm.	MA.5.NBT.B	1	D	A	1
4	E258275	Technology Enhanced - Math Formula	MA.5.NBT.B.6	Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.	MA.5.NBT.B	1	D	autoscore	1
5	E261741	Technology Enhanced - Cloze Dropdown	MA.5.NBT.A.2	Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.	MA.5.NBT.A	3	E, C	autoscore	2
6	E247805	Technology Enhanced - Classification	MA.5.NBT.A.3.b	Compare two decimals to thousandths based on meanings of the digits in each place, using $>$, $=$, and $<$ symbols to record the results of comparisons.	MA.5.NBT.A	1	C	autoscore	2
7	E209636	Technology Enhanced - Math Formula	MA.5.NBT.B.7	Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.	MA.5.NBT.B	4	A, F	autoscore	2
8	E258332	Technology Enhanced - Cloze Association	MA.5.NBT.B	Perform operations with multi-digit whole numbers and with decimals to hundredths.	MA.5.NBT.B	3	E, A	autoscore	3
9	E228578	Technology Enhanced - Cloze Association	MA.5.NBT.B.5	Fluently multiply multi-digit whole numbers using the standard algorithm.	MA.5.NBT.B	1	D	autoscore	2
10	E258276	Multiple Choice	MA.5.NBT.B.7	Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.	MA.5.NBT.B	1	D	B	1
11	E258331	Technology Enhanced - Math Formula	MA.5.NBT.B.5	Fluently multiply multi-digit whole numbers using the standard algorithm.	MA.5.NBT.B	1	D	autoscore	1
12	E248826	Multiple Choice	MA.5.NBT.A.1	Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and $1/10$ of what it represents in the place to its left.	MA.5.NBT.A	1	C	A	1
13	E235608	Technology Enhanced - Math Formula	MA.5.NBT.A.4	Use place value understanding to round decimals to any place.	MA.5.NBT.A	1	C	autoscore	1
14	E258278	Multiple Choice	MA.5.NBT.B.7	Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.	MA.5.NBT.B	1	D	B	1
15	E226281	Technology Enhanced - Math Formula	MA.5.NBT.B.6	Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.	MA.5.NBT.B	2	A, C	autoscore	2

Totals (SBAC bp)	Claim 1	11
	Target C	4
	Target D	7
	Claim 2	1
	Claim 3	2
	Claim 4	1

