

SBAC Block Mirror: Math Grade 3 Number and Operations - Fractions (AE130160)

Item Number	Item ID	Item Type	Standard Abbreviation	Standard Text	Cluster	Claim	Target(s)	Correct Answer	DOK
1	E257148	Technology Enhanced - Math Formula	MA.3.NF.A.3.c	Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers.	MA.3.NF.A	1	F	autoscore	1
2	E84087	Multiple Choice	MA.3.NF.A.1	Understand a fraction $1/b$ as the quantity formed by 1 part when a whole is partitioned into b equal parts; understand a fraction a/b as the quantity formed by a parts of size $1/b$.	MA.3.NF.A	1	F	C	1
3	E252974	Technology Enhanced - Number Line	MA.3.NF.A.2.b	Represent a fraction a/b on a number line diagram by marking off a lengths $1/b$ from 0. Recognize that the resulting interval has size a/b and that its endpoint locates the number a/b on the number line.	MA.3.NF.A	1	F	autoscore	2
4	E144240	Multiple Choice	MA.3.NF.A.3.b	Recognize and generate simple equivalent fractions, (e.g., $1/2 = 2/4$, $4/6 = 2/3$). Explain why the fractions are equivalent, e.g., by using a visual fraction model.	MA.3.NF.A	1	F	A	2
5	E257152	Technology Enhanced - Math Formula	MA.3.NF.A.2.a	Represent a fraction $1/b$ on a number line diagram by defining the interval from 0 to 1 as the whole and partitioning it into b equal parts. Recognize that each part has size $1/b$ and that the endpoint of the part based at 0 locates the number $1/b$ on the number line.	MA.3.NF.A	1	F	autoscore	2
6	E252278	Multiple Choice	MA.3.NF.A.2.b	Represent a fraction a/b on a number line diagram by marking off a lengths $1/b$ from 0. Recognize that the resulting interval has size a/b and that its endpoint locates the number a/b on the number line.	MA.3.NF.A	1	F	A	2
7	E257143	Technology Enhanced - Cloze Association	MA.3.NF.A.3.d	Compare two fractions with the same numerator or the same denominator by reasoning about their size. Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with the symbols $>$, $=$, or $<$, and justify the conclusions, e.g., by using a visual fraction model.	MA.3.NF.A	1	F	autoscore	2
8	E252203	Multiple Choice	MA.3.NF.A.3.b	Recognize and generate simple equivalent fractions, (e.g., $1/2 = 2/4$, $4/6 = 2/3$). Explain why the fractions are equivalent, e.g., by using a visual fraction model.	MA.3.NF.A	1	F	B	2
9	E259969	Multiple Correct Answer	MA.3.NF.A.3.d	Compare two fractions with the same numerator or the same denominator by reasoning about their size. Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with the symbols $>$, $=$, or $<$, and justify the conclusions, e.g., by using a visual fraction model.	MA.3.NF.A	3	D, A	C, D	2
10	E177335	Multiple Choice	MA.3.NF.A.3.a	Understand two fractions as equivalent (equal) if they are the same size, or the same point on a number line.	MA.3.NF.A	1	F	C	2
11	E252982	Technology Enhanced - Cloze Dropdown	MA.3.NF.A.3.d	Compare two fractions with the same numerator or the same denominator by reasoning about their size. Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with the symbols $>$, $=$, or $<$, and justify the conclusions, e.g., by using a visual fraction model.	MA.3.NF.A	1	F	autoscore	2
12	E253052	Multiple Correct Answer	MA.3.NF.A.3.a	Understand two fractions as equivalent (equal) if they are the same size, or the same point on a number line.	MA.3.NF.A	1	F	A, D	2
13	E257142	Technology Enhanced - Math Formula	MA.3.NF.A.2.a	Represent a fraction $1/b$ on a number line diagram by defining the interval from 0 to 1 as the whole and partitioning it into b equal parts. Recognize that each part has size $1/b$ and that the endpoint of the part based at 0 locates the number $1/b$ on the number line.	MA.3.NF.A	1	F	autoscore	1
14	E179528	Multiple Choice	MA.3.NF.A.3.c	Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers.	MA.3.NF.A	1	F	B	1

Totals	Claim 1	13
(SBAC bp)	Claim 2	0
	Claim 3	1
	Claim 4	0