Math Spring 2021

Grade 3

Alignment Document and Answer Key

Table 1: Grade 3 2021 Released Items

Sequence	UIN	Evidence Statement	Sub-Claim	Task Type	Points	Calculator	Functionality	2021 Online1 Form
1	M02429	3.OA.3-4	A	1.1	1	N	FIB	☑
2	M300613	3.OA.8	A	1.2	2	N	FIB, MC	☑
3	M300579	3.MD.1-1	A	1.1	1	N	MC	☑
4	VF558265	3.OA.4	A	1.1	1	N	FIB	☑
5	M300615	3.MD.2-3	A	1.2	2	N	FIB, MC	☑
6	M300560D	3.C.6-1	C	2.4	4	N	CR	☑
7	M300594	3.NF.3a-1	A	1.1	1	N	MS	☑
8	M300601	3.MD.5	A	1.1	1	N	MS	☑
9	M300258	3.D.2	D	3.6	6	N	CR, FIB, MC	☑
10	M300595	3.NF.3b-1	A	1.1	1	N	FIB	☑

Sequence: The item order number as it appears in the released item set and answer key

UIN: A unique item number used to identify the item in the internal item bank

Evidence Statements: The evidence statement to which the item is aligned

Sub-Claims: The Sub-Claim to which the item is aligned

Task Type: Type I, II, or III. See the Informational Guides for more information

Functionality: MC – multiple choice; MS – multiple-select; FIB – fill-in-the-blank; CR – constructed response

Table 2: Grade 3 Released Item List with Answer Key

Sequence	UIN	Evidence Statement	Points	Answer Key
1	M02429	3.OA.3-4	1	**7**
2	M300613	3.OA.8	2	**Part A: A;** **Part B: 54**
3	M300579	3.MD.1-1	1	**C**
4	VF558265	3.OA.4	1	**4**
5	M300615	3.MD.2-3	2	**Part A: B;** **Part B: 800**
6	M300560D	3.C.6-1	4	**See Rubric**
7	M300594	3.NF.3a-1	1	**A, D, E**
8	M300601	3.MD.5	1	**D, B**
9	M300258	3.D.2	6	**Part A: 15;** **Part B: B;** **Part C: See Rubric;** **Part D: See Rubric**
10	M300595	3.NF.3b-1	1	**4**

Item #6 M300560D Analytic Rubric	
Score	**Description**
4	The response includes the following 4 elements: • **Computation** = 1 point: Correct fraction to represent the location of point *G:* $\frac{2}{6}$ or equivalent • **Reasoning** = 1 point: Valid explanation using the number line to determine the location of point *G* • **Reasoning** = 1 point: Valid explanation of how to mark the spaces between the whole numbers to show thirds • **Reasoning** = 1 point: Valid explanation of how to plot $\frac{5}{3}$ on a number line **Sample Student Response:** The distance from 0 to $\frac{3}{6}$ is divided into 3 equal-sized parts, so each part is $\frac{1}{6}$**.** Point *G* is located at the mark that is 2 parts to the right of 0, so it is located at $\frac{2}{6}$. To plot $\frac{5}{3}$ on a number line, I first need to mark each space between whole numbers to show thirds. Then, I will count 5 marks to the right of 0 on the number line. I will plot my point at 5 marks to the right of 0 on the number line to show $\frac{5}{3}$. Or other valid response.
3	Student response includes 3 of the 4 elements.
2	Student response includes 2 of the 4 elements.
1	Student response includes 1 of the 4 elements.
0	Student response is incorrect or irrelevant.

Item #9 M300258 Rubric - Part C	
Score	**Description**
2	Student response includes the following 2 elements: • **Computation:** worth 1 point Correct total number of muffins made on Tuesday: 156 muffins • **Modeling:** worth 1 point Valid equation or equations that could be used to determine total number of muffins made on Tuesday **Sample Student Response:** 156 muffins 54 – 19 + 39 + 58 + 24 =? OR 35 + 97 + 24 = 156 Or other valid response. **Note**: The answer does not need to be part of the equation. An incorrect computation based upon a correct equation will be allowed.
1	Student response includes 1 of the 2 elements.
0	Student response is incorrect or irrelevant.

Item #9 M300258 Rubric – Part D	
Score	**Description**
2	Student response includes the following two elements: • **Computation component** Correct number of muffins remaining: 95 • **Modeling component** Valid explanation that uses words or an equation to support how the number remaining was found Sample Student Response: 215 – 43 – 50 – 27 =☐ ☐= 95 OR I added 43 plus 50 plus 27 and got 120. I subtracted 120 from 215, which equals 95. Or other valid response. **Note**: The answer does not need to be part of the equation. Other valid equations or answers will be accepted.
1	Student response includes 1 of the 2 elements.
0	Student response is incorrect or irrelevant.