4th Grade Math – Unit 2: Student Data Tracker

Name: _____   #_____

Learning Target 1	Proficiency	
I can represent multi-step word problems with equations using a variable for the unknown quantity.	For homework Sarah had seventeen math problems and twenty-eight spelling problems. If she can finish five problems in an hour, how long will it take her to finish all the problems? Correct Equation: **(17 + 28) ÷ 5 = C**	

Proficient	3/3	3/3
Approaching Proficient	2/3	2/3
Not Yet	0/3 or 1/3	0/3 or 1/3
	CFA #1	**CFA #2**

CFA #1 Notes:
1. ☐ correct equation   ☐ incorrect equation
   ☐ variable   ☐ no variable
2. ☐ correct equation   ☐ incorrect equation
   ☐ correct equation   ☐ incorrect equation

CFA #2 Notes:
1. ☐ correct equation   ☐ incorrect equation
   ☐ variable   ☐ no variable
2. ☐ correct equation   ☐ incorrect equation
   ☐ correct equation   ☐ incorrect equation

Learning Target 2	Proficiency	
I can solve multi-step word problems with whole numbers using the four operations.	While playing at the arcade, Paul won 39 tickets playing one game and 15 tickets playing another game. If he was trying to buy candy that cost 9 tickets a piece, how many could he buy? Write an equation and solve to find the answer. (39 + 15) ÷ 9 = C 54 ÷ 9 = C 6 = C Correct Solution: **6**	

Proficient	2/2	2/2
Approaching Proficient	1/2	1/2
Not Yet	0/2	0/2
	CFA #1	**CFA #2**

CFA #1 Notes: ___|___

1. ☐ correct solution   ☐ incorrect solution

2. ☐ correct solution   ☐ incorrect solution

CFA #2 Notes: ___|___

1. ☐ correct solution   ☐ incorrect solution

2. ☐ correct solution   ☐ incorrect solution

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Learning Target 3	Proficiency
I can solve multi-step word problems with whole numbers and interpret remainders.	Mr. Martino is making coloring kits for the kids who visit his restaurant. Each coloring kit will have 4 crayons, along with a coloring page. The crayons come in boxes of 15, and Mr. Martino has 2 full boxes. How many coloring kits can Mr. Martino make? $(2 \times 15) \div 4 = C$ $30 \div 4 = C$ $C = 7\ R2$ Correct Solution: **7 R2** Remainder Interpretation: **Mr. Martino can make 7 coloring kits. There will be 2 crayons that will not fit in a coloring kit.**

			CFA #1 Notes:
Proficient	3/3	3/3	1. <u>Interpretation</u>: ☐ correct ☐ incorrect
			2. <u>Interpretation</u>: ☐ correct ☐ incorrect
Approaching Proficient	2/3	2/3	3 <u>Interpretation</u>: ☐ correct ☐ incorrect
			CFA #2 Notes:
Not Yet	0/3 or 1/3	0/3 or 1/3	1. <u>Interpretation</u>: ☐ correct ☐ incorrect
			2. <u>Interpretation</u>: ☐ correct ☐ incorrect
	CFA #1	**CFA #2**	3 <u>Interpretation</u>: ☐ correct ☐ incorrect

Learning Target 4	Proficiency
I can assess the reasonableness of answers using estimation strategies such as mental computation and rounding.	Mallory works at the grocery store. She has 83 cans to put onto shelves. Each shelf can hold 8 cans. Mallory estimates that she will need 10 shelves for all the books. Is Mallory's estimate reasonable? Explain. Correct Assessments of Reasonableness: - **Mallory's estimate is reasonable because 83 rounds down to 80 and 80 ÷ 8 = 10.** - **Mallory's estimate is reasonable because 8 x 10 = 80 and 83 rounds down to 80.** - **Mallory's estimate is unreasonable because if she puts 8 cans on 10 shelves she will have 3 cans that will not be on a shelf. (i.e. 8 x 10 = 80 and 83 - 80 = 3).**

			CFA #1 Notes:
Proficient	2/2	2/2	1. <u>Reasonableness</u>: ☐ answer ☐ justification
			2. <u>Reasonableness</u>: ☐ answer ☐ justification
Approaching Proficient	1/2	1/2	
			CFA #2 Notes:
Not Yet	0/2	0/2	1. <u>Reasonableness</u>: ☐ answer ☐ justification
	CFA #1	**CFA #2**	2. <u>Reasonableness</u>: ☐ answer ☐ justification