

Name

Grade 5 End of Module 3 Assessment

#		y/n	#		y/n
1	5.NBT.7 <ul style="list-style-type: none"> can add, subtract, multiply, and divide decimals. 		4	5.NBT.6 <ul style="list-style-type: none"> can show division of whole numbers with one and two-digit divisors using place value, arrays, area models, and other strategies. can explain my computation. 5.MD.1 <ul style="list-style-type: none"> can convert measurement units. can solve problems using measurement conversions. 	
2	5.NBT.7 <ul style="list-style-type: none"> can add, subtract, multiply, and divide decimals. 		5	5.OA.1 <ul style="list-style-type: none"> can use parentheses and brackets to group an expression within a multi-step expression. can evaluate expressions with parentheses and brackets. 	
3	5.NBT.5 <ul style="list-style-type: none"> can explain the standard algorithm for multiplication of multi-digit numbers. can use the standard algorithm. 5.NBT.7 <ul style="list-style-type: none"> can add, subtract, multiply, and divide decimals. can explain how I computed with decimals using concrete models or drawings. 5.MD.1 <ul style="list-style-type: none"> can convert measurement units. can solve problems using measurement conversions. 		6	5.NBT.1 <ul style="list-style-type: none"> can show that each place value to the left is 10 times larger in a multi-digit number. can show that each place value to the right is 10 times smaller in a multi-digit number. 5.NBT.2 <ul style="list-style-type: none"> can illustrate and explain a pattern for how multiplying/dividing by any decimal by a power of 10 relates to the placement of the decimal point. 5.NBT.7 <ul style="list-style-type: none"> can add, subtract, multiply, and divide decimals. can explain how I computed with decimals using concrete models or drawings. 	

1) Sarah says that $26 \div 8$ equals $14 \div 4$ because both are "3 R2." Show her mistake using decimal division. (No Remainder Allowed in your Fix)

2) A baker uses 5.5 pounds of flour daily.

a. How many ounces of flour will he use in two weeks?. (1 lb = 16 oz)

3) The baker's recipe for a loaf of bread calls for 12 ounces of flour. If he uses 1232 ounces of flour, how many **full loaves** can he bake in two weeks?

(Can you stop once you move to a decimal?)

4) The baker sends all his bread to one store. If he can pack up to 15 loaves of bread in a box for shipping, what is the minimum number of boxes required to ship all the loaves baked in two weeks? Explain your reasoning.

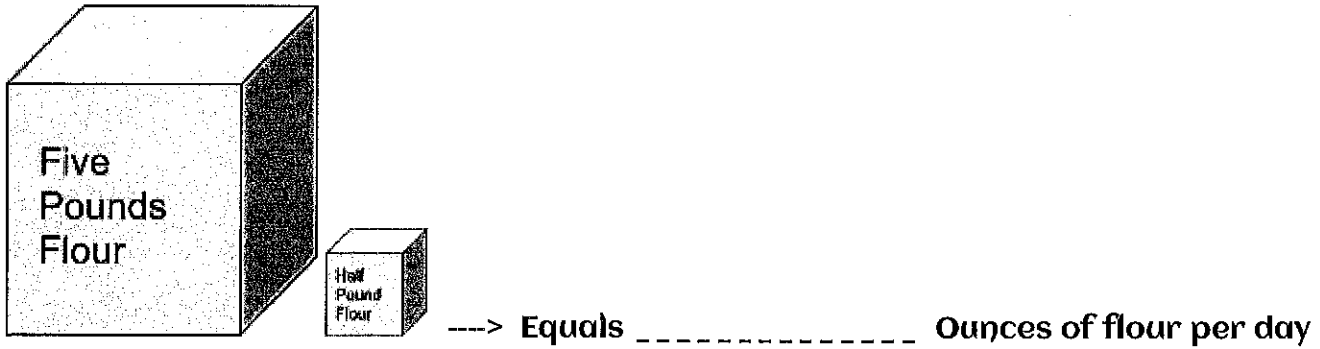
5) The baker pays \$0.80 per pound for sugar and \$1.25 per pound for butter. Write an expression that shows how much the baker will spend if he buys 6 pounds of butter and 20 pounds of sugar. Write an expression (number sentence with no words) to show how you would find how much this will cost----BUT you don't have to find the amount!!!

6) Chocolate sprinkles cost as much per pound as sugar. Find $\frac{1}{10}$ (0.10) the baker's total cost for 100 pounds of chocolate sprinkles. Describe with word and/or drawings why the number of zeros changes in relation to the location of the decimal?

---Must have a decimal number for your answer!!!!

Visual Tools Available for You to Use, or Not

Problem 2) Below is a picture of the number of pounds the baker uses each day. If each pound can be converted to 16 ounces, how many ounces are 5 pounds of flour in addition to a half pound of flour?



Now use this calendar to figure out your question "How many ounces of flour will he use in two weeks?"

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday

Two Weeks Require _____ Ounces

Problem 3)

This is TWO WEEKS of Flour that becomes HOW MANY 12 oz loaves? + ? -? X? Or Divide?

Complete this sentence with your answer:

In Two weeks _____.

Problem 5)

Here are some tape diagrams to help you picture what is happening for your Butter and Sugar... Do you add, subtract, multiply or divide? **You only have to write the number sentence showing how you would calculate it!**

---BUT you don't have to find the amount!!!

--	--	--	--	--	--

Butter- 6 pounds of Butter at \$1.25 per pound

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Sugar- 20 pounds of Sugar at \$0.80 per pound

Problem 6)

Find cost for 100 Pounds of Sprinkles, THEN figure out what $\frac{1}{10}$ (0.10) of that cost is.

Thumb up or thumb down? Hold up fingers to show how many place values...



You figure what $\frac{1}{10}$ (0.10)

100 Pounds
_____ Cost?

cost _____