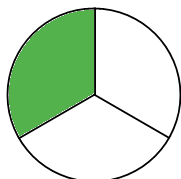


Name: _____ Class: _____ Date: _____

Final Unit 2 Exam

1. Circle the fraction that is shown in the picture below.



- a. $\frac{1}{4}$
- b. $\frac{1}{3}$
- c. $\frac{1}{5}$
- d. $\frac{1}{2}$

2. Compare the following fractions. Circle the correct symbol.

$$\frac{1}{10} \quad \frac{1}{8}$$

- a. $<$
- b. $>$
- c. $=$

3. Circle the fraction that is equivalent to $\frac{2}{3}$

- a. $\frac{4}{9}$
- b. $\frac{6}{6}$
- c. $\frac{4}{6}$
- d. $\frac{6}{12}$

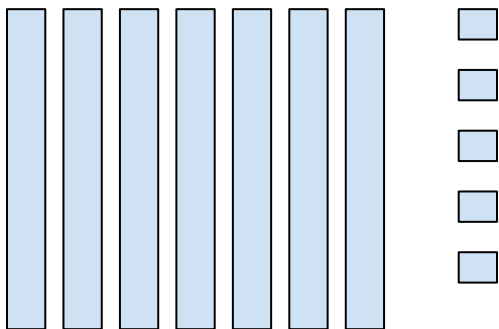
4. Write the decimal equivalent for the fraction below.

$$\frac{3}{10}$$

5. Write the fraction equivalent for the decimal below.

0.02

6. Identify the decimal modeled below. Write it as a fraction and decimal.



Decimal Number: _____

Decimal Fraction: _____



Directions: Find the sum, difference, product, or quotient. Draw a model. Find the answer. Check your work using the calculator.

7. $0.4 + 0.3 =$

Model	Equation

8. $0.95 - 0.87 =$

Model	Equation

9. $0.54 \div 9 =$

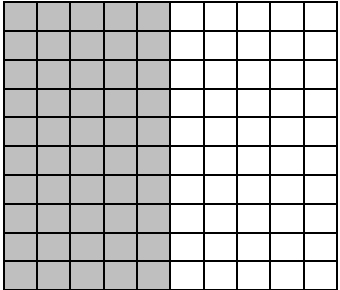
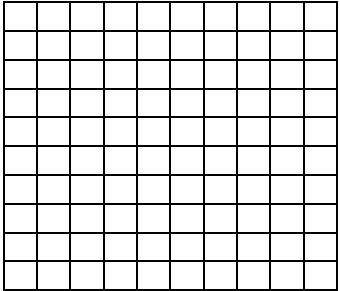
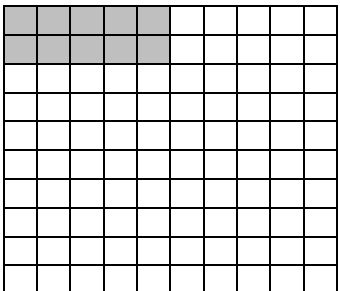
Model	Equation

10. $0.12 \times 4 =$

Model	Equation

11. Frank went to the grocery store to buy apples and oranges. The apples cost \$1.57 and the oranges cost \$2.18. How much total money will Frank spend at the grocery store?

12. Complete the chart below to find the equivalent fraction, decimal, and percent.

Model	Fraction	Decimal	Percent
			50%
		0.25	
	$\frac{1}{10}$		



13. There are 14 boys and 12 girls. Write the ratio of boys to girls.

14. Circle the ratios that form a proportion.

a. $\frac{3}{4} = \frac{6}{12}$

b. $\frac{3}{4} = \frac{6}{8}$

c. $\frac{3}{4} = \frac{9}{8}$

d. $\frac{3}{4} = \frac{9}{18}$

15. Find the missing number in the proportion below.

$$\frac{8}{10} = \frac{\quad}{5}$$

16. Two cakes need 5 cups of sugar. How many cups of sugar would 6 cakes need?



Name: _____ Class: _____ Date: _____

My Favorite Recipe

Everybody must eat in order to live. The foods we eat depend on many things. Every culture has a special or favorite food that is unique to them.

Your task is to find a recipe that is unique to your culture. It might be your favorite food that you eat all the time, or it might be a dish that you only make for a celebration. Then, you will use your math skills to adapt the recipe so it makes enough food to feed everyone in the whole class.



My Favorite Recipe Worksheet

The name of my dish is: _____

This dish feeds _____ people.

The ingredients I need to make my dish are:

The directions to make this dish are:

First, _____

Next, _____

Then, _____

Last, _____



Name: _____ Class: _____ Date: _____

Double the Recipe

Directions: Write your ingredients on the left side. Then write how much you would have if you doubled your ingredients.

Original Ingredients	Ingredients Doubled
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.
9.	9.
10.	10.

Show your work for how each ingredient was doubled.

How many people would your recipe feed if you made double the food?

Half of the Recipe

Directions: Write your ingredients on the left side. Then write how much you would have if you halved your ingredients.

Original Ingredients	Ingredients Halved
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.
9.	9.
10.	10.

Show your work for how each ingredient was halved.

How many people would your recipe feed if you only made half of the food?



Recipe for the Class

Original Ingredients	Ingredients for _____ students
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.
9.	9.
10.	10.

Explain in complete sentences how you would adjust your recipe to feed the whole class. If quantity served is not given, estimate how many it will serve and explain what you would do to feed everyone. Show your work.



Name: _____ Class: _____ Date: _____

Grocery Shopping List

Directions: Write the ingredients and amounts you will need to buy to make the recipe for the whole class.

Ingredients	Quantity (How many do I need to buy?)	Total Price (How much will it cost?)
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

How much will all of your ingredients cost all together? Show your work and explain how you got your answer.



Name: _____ Class: _____ Date: _____

Performance Task Self-Assessment Checklist

1. I found a recipe.

2. I wrote my recipe on the worksheet.

3. I found how many ingredients I would need to make double the recipe.

4. I found how many ingredients I would need to make half of the recipe.

5. I found how many ingredients I would need to make food for the whole class.