

# Assignment Record Sheet

Math Core B

Full Name: \_\_\_\_\_ **Week: 9/9-9/13**

Unit Name: Let's Be Rational Period: 2

Date Assigned	Focus Question??	Homework (IP=in packet)	Meets Expectation (15 points)	Approaching Expectations (5 points)	Below Expectation (0 points)
<b>Monday Sept. 9</b>	How can you use number properties and equivalent fractions to multiply rational numbers?	<b>WU:</b> Word Problems wksht <b>CW:</b> Partner Quiz Review <b>HW:</b> None	<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Tuesday Sept. 10</b>	What does it mean to divide a fraction by a fraction? What strategies help you divide a fraction by a fraction?	<b>WU:</b> Video Launch <b>CW:</b> Prob. 3.1 A-B p. 49 <b>HW:</b> ACE #1 p.55	<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Wed. Sept. 11</b>	What does it mean to divide a whole number or mixed number by a fraction?	<b>WU:</b> Long Division wksht <b>CW:</b> Prob. 3.2 A & C p. 50 <b>HW:</b> ACE #6 (IP)	<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Thursday Sept. 12</b>	What does it mean to divide a fraction by a whole number? What strategies help you divide a fraction by a whole number?	<b>WU:</b> Multiplication wksht <b>CW:</b> Prob. 3.3 A-B p. 52 <b>HW:</b> None	<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Friday Sept. 13</b>	What does it mean to divide a fraction by a whole number? What strategies help you divide a fraction by a whole number?	<b>WU:</b> None <b>CW:</b> Beginning of Year Assessment <b>HW:</b> None <b>Turn in your packet</b>	<b>WU:</b> <b>CW:</b> <b>HW:</b>		

**Total Homework Score for the Week: \_\_\_\_\_/75**

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**Daily Materials Score \_\_\_\_\_/25**

## Partner Quiz Review for use after Investigation 2

1. Bob is making treat bags for his daughter's birthday party. He decided to use the recipe below for each bag. He needs to make 6 bags so each friend can have one, and he wants to make  $\frac{1}{2}$  bag for his two-year-old to have.

How much of each ingredient will he need to make the  $6\frac{1}{2}$  bags? Write number sentences to support your answer.

Recipe for 1 Bag

$\frac{1}{3}$  cup of peanuts

$\frac{3}{4}$  cup of pretzels

$\frac{1}{5}$  cup of raisins

$\frac{2}{3}$  cup of popcorn

2. On a particular map of Denmark, 1 inch represents 12 miles.



- a. What does  $2\frac{1}{2}$  inches on the map represent? Write a number sentence and show your work.

- b. What does  $3\frac{3}{4}$  inches on the map represent? Write a number sentence and show your work.

## Partner Quiz Review (continued)

3. a. Caroline had a pan of lasagna  $\frac{3}{4}$  full. Some friends visited her and ate  $\frac{2}{3}$  of what was in the pan. How much lasagna did her friends eat? Use a drawing and a number sentence to support your answer.

- b. Savannah had a lasagna pan  $\frac{2}{3}$  full. Some friends visited her and ate  $\frac{3}{4}$  of what was in the pan. How much lasagna did her friends eat? Use a drawing and a number sentence to support your answer.

- c. How is what happened with Savannah's pan of lasagna different from what happened with Caroline's pan of lasagna? How is what happened with Savannah's pan of lasagna the same as what happened with Caroline's pan of lasagna?

4. Write a story problem to fit the calculation below. Explain why the calculation matches the story.

$$1\frac{2}{3} \times \frac{1}{4}$$

# Labsheet 3ACE

## Exercise 6

6. The Easy Baking Company makes muffins. They make several sizes, ranging from very small to very large. There are 20 cups of flour in the packages of flour they buy. How many muffins can be made from a package of flour if each muffin takes one of the following amounts of flour?

a.  $\frac{1}{4}$  cup

**Hint:** Here is one way to solve this first problem.

If each muffin takes  $\frac{1}{4}$  cup of flour, then

you can make 4 muffins from one cup of flour. If you can make 4 muffins from 1 cup of flour, then you can make 80 muffins from 20 cups of flour ( $20 \times 4 = 80$ ).

Another way to think of this problem is to ask how many  $\frac{1}{4}$  cups of flour are in 20 cups of flour? ( $20 \div \frac{1}{4} = 80$ )

b.  $\frac{2}{4}$  cup

c.  $\frac{3}{4}$  cup

d.  $\frac{1}{10}$  cup

e.  $\frac{2}{10}$  cup

f.  $\frac{7}{10}$  cup

## Labsheet 3ACE

## Exercise 6 (continued)

g.  $\frac{1}{7}$  cup

h.  $\frac{2}{7}$  cup

i.  $\frac{6}{7}$  cup

- j. Explain how the answers for  $20 \div \frac{1}{7}$ ,  $20 \div \frac{2}{7}$ , and  $20 \div \frac{6}{7}$  are related. Show why this makes sense.