

Assignment Record Sheet

Math Core A

Full Name: _____

Week: 3/9 - 3/13

Unit Name: Let's Be Rational

Period: 4

Date Assigned	Focus Question??	Homework (IP=in packet)	Meets Expectation (15 points)	Approaching Expectations (5 points)	Below Expectation (0 points)
Monday Mar. 9	<i>What does it mean to divide a fraction by a fraction? What strategies help you divide a fraction by a fraction?</i>	WU: Intro. to Investigation 3 CW: Prob. 3.1 A-B p. 49 HW: ACE #1 p.55	WU: CW: HW:		
Tuesday Mar. 10	<i>What does it mean to divide a whole number or mixed number by a fraction?</i>	WU: Long Division wksht (IP) CW: Prob. 3.2 A & C p. 50 HW: ACE #6 (IP)	WU: CW: HW:		
Wed. Mar. 11	<i>What does it mean to divide a fraction by a whole number? What strategies help you divide a fraction by a whole number?</i>	WU: Word Problems wksht (IP) CW: Prob. 3.3 A-B p. 52 HW: ACE #4-10 p. 56	WU: CW: HW:		
Thursday Mar. 12	<i>What is an algorithm you can use to divide any two fractions, including mixed numbers?</i>	WU: Division wksht (IP) CW: Prob. 3.4 A, C & E p. 53 HW: ACE #14 p. 57	WU: CW: HW:		
Friday Mar. 13	<i>What is an algorithm you can use to divide any two fractions, including mixed numbers?</i>	WU: None CW: Additional Practice wkshts (IP) HW: None Turn in your math packet	WU: CW: HW:		

How are part

Total Homework Score for the Week: _____/75

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Daily Materials Score _____/25

Multiplication Table OK

Fill in the bubble sheet with the correct answers.

Division (Do not worry about remainders on your answer sheet):

10. $3 \overline{)673}$

3	6	7	3
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11. $6 \overline{)889}$

6	8	8	9
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12. $5 \overline{)497}$

5	4	9	7
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13. ~~$86 \overline{)750}$~~

86	7	5	0
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14. $23 \overline{)540}$

23	5	4	0
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15. $40 \overline{)103}$

40	1	0	3
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Converting Fractions to Hundredths (A)

Convert each fraction to hundredths then to a decimal number.

Example 1

$$\frac{1}{4} = \frac{25}{100} = 0.25$$

16.

$$\frac{1}{2} = \frac{\quad}{100} =$$

17.

$$\frac{4}{5} = \frac{\quad}{100} =$$

18.

$$\frac{1}{5} = \frac{\quad}{100} =$$

19.

$$\frac{2}{5} = \frac{\quad}{100} =$$

20.

$$\frac{2}{4} = \frac{\quad}{100} =$$

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.

Solve each problem.

- 1) A florist needed to use 3 pounds of fertilizer for 5 days and then on the final day use the normal amount plus another 2 pounds. How many pounds of fertilizer will she use all together?
- 2) Megan worked as a sacker at the grocery store where she made \$6/hr. If she worked for 5 hours and also made \$8 in tips, how much money did she earn?
- 3) A lawn care company bought 4 lawnmower blade for \$8 each. They also bought a spool of weed eater string for \$7. How much money did they spend on supplies?
- 4) While playing a game Frank defeated 6 enemies. Each enemy earned him 9 points. Then he got another 8 points for completing the level. How many points did he earn total?
- 5) A report said that each day the average Youtube viewer watches 9 videos with each video lasting 8 minutes. Additionally they also watch 2 minutes of ads. According to the report, how many minutes total do people spend on Youtube?
- 6) Will spent \$4 on a board game and then he bought 3 action figures for \$7 each. How much money did he spend on the game and figures?
- 7) At the arcade Zoe had 8 tickets she saved from the last time she went. This time she played a game 4 times and earned 5 tickets each time she played. How many tickets does she have now?
- 8) A music teacher had 7 recorders, but she decided to buy 6 more boxes with each box having 3 recorders in it. How many recorders did she have after buying the 6 boxes?
- 9) A pet store sold 9 kittens and 1 puppy over the weekend. The kittens sold for \$2 each and the puppy sold for \$6. How much money did they earn from selling the pets?
- 10) A clothing company used 7 buttons on jeans and 5 buttons on shirts. If they made 3 shirts and 1 pair of jeans how many buttons would they use total?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Name : _____

Score : _____

Teacher : _____

Date : ^{w/u} 3/12/20

Per. 4

$11 \div 11 =$

$9 \div 1 =$

$132 \div 11 =$

$15 \div 5 =$

$5 \div 1 =$

$96 \div 12 =$

$132 \div 12 =$

$50 \div 10 =$

$96 \div 8 =$

$14 \div 7 =$

$12 \div 3 =$

$32 \div 4 =$

$64 \div 8 =$

$21 \div 3 =$

$70 \div 10 =$

$12 \div 6 =$

$50 \div 5 =$

$66 \div 6 =$

$63 \div 9 =$

$55 \div 11 =$

$24 \div 4 =$

$12 \div 2 =$

$36 \div 4 =$

$24 \div 6 =$

$9 \div 9 =$

$30 \div 5 =$

$28 \div 7 =$

$6 \div 2 =$

$70 \div 7 =$

$100 \div 10 =$

Additional Practice *(continued)***Investigation 1****Let's Be Rational**

7. Mr. Larson is planning the seating for a school recital. He needs to reserve $\frac{1}{3}$ of the seats for students and $\frac{1}{6}$ of the seats for parents.
- After reserving seats for students and parents, what fraction of the seats in the auditorium are left?

 - Mr. Larson's principal tells him that he also needs to reserve $\frac{1}{8}$ of the seats for teachers and school officials. The remainder can be used for open seating. What fraction of the seats are now left for open seating?

 - Later, Mr. Larson's principal says he should reserve $\frac{1}{4}$ of the seats for students from other middle schools. Are there enough seats left? If not, explain why not; otherwise, state what fraction of the seats will be available for open seating.

Name _____

Date

3/13/20

Class

Per. 4-1

Additional Practice *(continued)*

Investigation 1

Let's Be Rational

9. Find each sum. Describe any patterns you see.

a. $\frac{1}{2} + \frac{1}{3}$

b. $\frac{1}{3} + \frac{1}{4}$

c. $\frac{1}{4} + \frac{1}{5}$

d. $\frac{1}{5} + \frac{1}{6}$

e. $\frac{1}{6} + \frac{1}{7}$

f. $\frac{1}{7} + \frac{1}{8}$

Additional Practice: Digital Assessments

Investigation 1

Let's Be Rational

10. Circle the number that makes each statement true.

a. $\frac{1}{6} + \frac{2}{3} =$ $\frac{1}{3}$
 $\frac{5}{6}$
 $\frac{7}{6}$

b. $5 - 2\frac{2}{3} =$ $2\frac{1}{3}$
 $3\frac{2}{3}$
 $4\frac{1}{3}$

11. To follow a recipe, Jared has to mix the

following liquids: $\frac{3}{4}$ cup of water, $\frac{1}{8}$ cup of coconut oil, and $\frac{3}{8}$ cup of eggs. Which represent how many cups of liquid are in the mixture? *Select all that apply.*

$\frac{7}{20}$

$\frac{7}{8}$

$\frac{5}{4}$

$1\frac{1}{4}$

$1\frac{1}{2}$

12. Write each expression in the box with the correct category.

$\frac{3}{10} + \frac{1}{2}$

$\frac{2}{5} + \frac{2}{7}$

$\frac{1}{2} + \frac{3}{5}$

$\frac{1}{6} + \frac{3}{4}$

$\frac{2}{7} + \frac{2}{9}$

$\frac{1}{4} + \frac{5}{6}$

Sum Greater than 1

Sum Less than 1

Skill: Adding and Subtracting Fractions

Investigation 1

Let's Be Rational

Find each sum or difference.

1. $\frac{1}{4} + \frac{2}{4}$

2. $\frac{7}{10} - \frac{4}{10}$

3. $\frac{5}{8} - \frac{3}{8}$

4. $\frac{1}{8} + \frac{5}{8}$

5. $\frac{5}{8} + \frac{2}{8}$

6. $\frac{3}{10} + \frac{6}{10}$

7. $\frac{2}{5} - \frac{1}{10}$

8. $\frac{5}{8} - \frac{1}{4}$

9. $\frac{3}{10} + \frac{4}{5}$

10. $\frac{11}{16} + \frac{5}{8}$

11. $\frac{2}{3} - \frac{1}{6}$

12. $\frac{3}{5} + \frac{7}{10}$