

**STUDY GUIDE: Fractions, Decimals, and LCM/GCF**

I understand that the intent of this review is to get me ready for the assessment that I will be taking in class on **Friday, November 22**. During the class review day I will be expected to engage in my learning. If at any point I am unable to solve a problem I will first use my resources and then sign up for a conference. I may be expected to take work home if I do not complete the assignments during class. I understand that the best way to study math is "TO DO math"!

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Student signature

☐ **Versatile**☐ **Extra Review WS**☐ **Finish Mid Module Check In**☐ **Extension Activities**

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## Module 2 Versatile Review

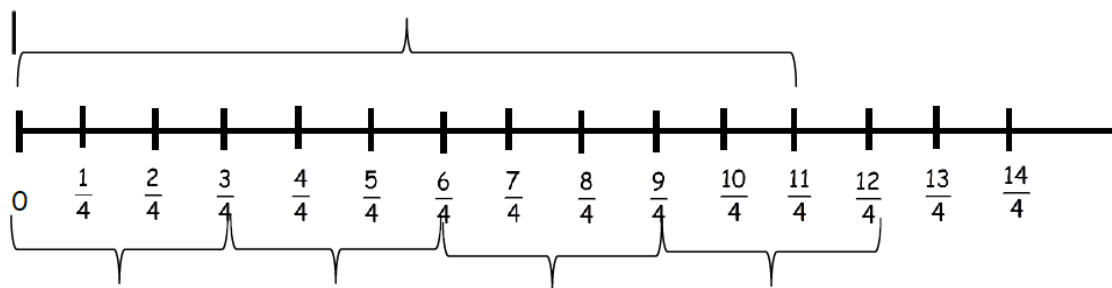
1. What is the least common multiple of 6 and 9?
2. What is the greatest common factor of 48 and 60?
3. A faucet drips once every 4 seconds. A different faucet drips once every 9 seconds. What is the first time the two faucets drip at the same time?
4. There are 30 red roses and 20 yellow roses? What is the greatest number of bouquets that can be made using these roses?
5. Warsaw Elementary School purchased water bottles for students. The total cost was cost was \$1360. If they purchased 425 water bottles, how much did each bottle cost?

6.  $481.9 \div 22.15$  Solve and round to the nearest tenth.

7. Solve  $\frac{1}{3} \div 2\frac{3}{4}$

8. Solve  $56.2 \times .43$

9. Which expression matches the number line model below?



A.  $\frac{3}{4} \div \frac{11}{4}$

B.  $\frac{11}{4} \div 4$

C.  $\frac{11}{4} \div \frac{3}{4}$

D.  $\frac{3}{4} \div 4$

10. Which story problem could be solved by finding  $\frac{3}{10} \div \frac{3}{5}$ ?

- a. How many ounces of salsa is  $\frac{3}{10}$  of a  $\frac{3}{5}$ -ounce serving of salsa?
- b. How many  $\frac{3}{5}$ -ounce servings are in  $\frac{3}{10}$  of an ounce of salsa?
- c. How many  $\frac{3}{10}$ -ounce servings are in  $\frac{3}{5}$  of an ounce of salsa?

11. Solve:  $\frac{3}{10} \div \frac{3}{5}$

- A.  $\frac{9}{15}$
- B.  $1\frac{2}{5}$
- C. 2
- D.  $\frac{1}{2}$

12. Mani, James, and Isidro equally shared  $\frac{1}{2}$  of a pie. What fraction of the whole pie did each of them receive?

- A.  $\frac{1}{6}$
- B.  $\frac{1}{5}$
- C.  $\frac{2}{3}$
- D.  $\frac{3}{2}$

A B	B 10	C 3.20	D D	E 12	F A
G 18	H $\frac{4}{33}$	I 36	J C	K 24.166	L 21.8



Name \_\_\_\_\_

Module 2 Extra Practice

Section \_\_\_\_\_

1. Greg has 4 cups of root beer. He drinks  $\frac{3}{4}$  cup of root beer each day. How many days will his root beer last?
  
  
  
  
  
  
  
  
  
  
2. You have  $\frac{4}{5}$  of a cup of frosting that you need to share equally between five desserts. How many cups of frosting will you need for each dessert?
  
  
  
  
  
  
  
  
  
  
3. Eugenia has  $\frac{1}{2}$  yard of ribbon. For each party decoration, she needs  $\frac{1}{8}$  yard. How many party decorations can she make?
  
  
  
  
  
  
  
  
  
  
4. For Thanksgiving, Mrs. Zinkievich invited 3 family members over to share one-quarter of a pie. What equal sized portion of the whole pie will each of the three people receive?

5. Clara bought  $14\frac{2}{3}$  pounds of apples. She is going to give each friend  $\frac{2}{3}$  of a pound. How many friends can she give apples to?
6. Mr. Kinney's daughter wants a Harry Potter wallpaper boarder around the top of her bedroom. She is saving money to buy it, but needs to know how much to buy. If her room is a rectangle and measures 10.25 feet wide by 11.5 feet long, how many feet of wallpaper boarder will she need to surround her room?
7. A lumber yard can ship 8,025 pounds of lumber on one truck. If each bundle of boards weighs 321 pounds, how many bundles can be shipped?
8. Find the product of 4.26 and 3.7

Question	Answer
1	$5\frac{1}{3}$
2	$\frac{4}{25}$
3	4
4	$\frac{1}{12}$
5	22
6	43.5 feet
7	25
8	15.762