4 Family Letter

Dear Parent or Guardian:

Using fractions, ratios, and decimals is part of our daily lives. Knowing how to represent and interpret these types of numbers helps us analyze statistics, measure lengths, and compare prices. In order to emphasize the importance of math skills, we try to relate classroom concepts to everyday events.

In **Chapter 4, Fractions and Decimals,** your child will learn to solve problems by making an organized list, and to find the greatest common factor and least common multiple of numbers to simplify and compare fractions. Your child will also learn to express mixed numbers as improper fractions and to write decimals as fractions and vice versa. Finally, your child will learn about ordered paris and functions. In the study of this chapter, your child will complete a variety of daily classroom assignments and activities and possibly produce a chapter project.

By signing this letter and returning it with your child, you agree to encourage your child by getting involved. Enclosed is an activity you can do with your child that practices how the math we will be learning in Chapter 4 might be tested. You may also wish to log on to **www.msmath1.com** for self-check quizzes and other study help. If you have any questions or comments, feel free to contact me at school.

Sincerely,

Signature of Parent or Guardian _____ Date _____

4 Family Activity

State Test Practice

Fold the page along the dashed line. Work each problem on another piece of paper. Then unfold the page to check your work.

1. Which of the following choices is the lowest common multiple that can be used to add fractions with denominators of 16, 6, and 8?

$$\frac{3}{16} + \frac{1}{6} + \frac{5}{8}$$

A 16

B 32

C 96

D 48

2. When changed to a decimal, which of the following fractions is written as 0.75?

A $\frac{1}{2}$

B $\frac{3}{5}$

C $\frac{6}{8}$

D $\frac{1}{4}$

Fold here. --

Solution

1. *Hint: To find the least common multiple, list the multiples of each number until you find a common multiple.*

16: 16, 32, 48

6: 6, 12, 18, 24, 30, 36, 42, 48

8: 8, 16, 24, 32, 40, 48

48 is the least common multiple listed.

Solution

2. *Hint: In order to change a fraction to a decimal, you divide the numerator (top of the fraction) by the denominator (bottom of the fraction).*

A $1 \div 2 = 0.5$

B $3 \div 5 = 0.6$

C $6 \div 8 = 0.75$

D $1 \div 4 = 0.25$

The answer is **D**.

The answer is **C.**