

Name: _____

Thursday Night

**Check
Me
Out!**



Want a quick review? Check out this week's (or previous week's) tutorials at mcdbsesmath.weebly.com/homework.html

This week: multiplying fractions and mixed number by whole numbers and using unit cubes to find volume

Represent each multiplication in two ways: using repeated addition and using the distributive property.

$$\text{EX: } 5 \times 3\frac{1}{4} = 3\frac{1}{4} + 3\frac{1}{4} + 3\frac{1}{4} + 3\frac{1}{4} + 3\frac{1}{4}$$

$$5 \times 3\frac{1}{4} = (5 \times 3) + (5 \times \frac{1}{4})$$

$$8 \times 5\frac{2}{3} =$$

$$8 \times 5\frac{2}{3} =$$

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

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

Identify possible dimensions for a rectangle that has one dimension that is a mixed number AND an area greater than 25 sq feet but less than 35 sq feet.

rectangle name	length	width
K	_____	_____

Use '>', '<' or '=' to solve each problem.

Ex) $\frac{2}{5}$ $\frac{4}{10}$

1) $\frac{3}{4}$ $\frac{6}{8}$

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

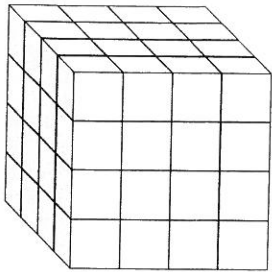
3) $\frac{6}{12}$ $\frac{6}{8}$

4) $\frac{2}{5}$ $\frac{10}{12}$

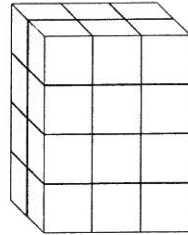
5) $\frac{5}{6}$ $\frac{5}{12}$

Find the volumes of the figures.

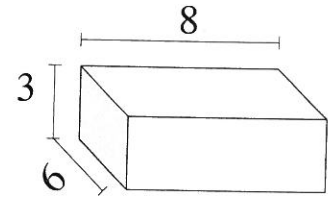
9)



8)



8)



volume: _____

volume: _____

volume: _____

Solve each problem.

- 1) Henry had ninety-six dollars. If he spent thirty-three bucks on a new game, how many nine dollar toys could he buy with the money he had left?

- 2) Robin uploaded thirty-five pictures from her phone and five from her camera to facebook. If she sorted the pics into five different albums with the same amount of pics in each album, how many pictures were in each of the albums?

- 3) Ned bought 14 boxes of chocolate candy and gave 7 to his little brother. If each box has 6 pieces inside it, how many pieces did Ned still have?