

Math 6 Unit 2 test Study guide

Name: _____

Color Group: _____

Date: _____

- 1) Be able to convert fractions to decimals and percents to fractions

For example:

Convert $\frac{4}{5}$ into a decimal and a percent

Convert 65% into a decimal and a fraction

- 2) Be able to find the Lowest Common Multiple and the Greatest Common Factor of two numbers

For example:

Find the GCF and LCM

16, 32

Find the GCF and LCM

24, 3

- 3) Be able to convert an improper fraction to a mixed number, and a mixed number into an improper fraction. Be able to reduce fractions.

For example:

$3\frac{4}{5}$

$\frac{24}{3}$

4) Be able to add fractions. Convert all answers to mixed numbers and lowest terms, if needed.

For example:

$$\frac{4}{5} + \frac{2}{3} =$$

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

5) Be able to subtract fractions

For example:

$$\frac{2}{3} - \frac{1}{3} =$$

$$\frac{4}{5} - \frac{1}{3} =$$

6) Be able to multiply fractions

For example

$$\frac{6}{7} \times \frac{1}{2} =$$

$$\frac{5}{6} \times \frac{4}{5} =$$

7) Be able to divide fractions

For example

$$\frac{1}{3} \text{ divided by } 2 =$$

$$\frac{4}{5} \text{ divided by } \frac{1}{6} =$$

8) In addition, be able to solve any of the word problems on classwork, homework, or quizzes!
Especially Quizzes!!!!!! (HINT HINT)

