

Name: _____

Date: _____

V23

Math 6 F&D quiz (v18) questions to be completed in a suggested time of 8 minutes. Solve.

Actual time took to complete: _____

Score: _____

/ 10

1. Write each fraction as a **percent (%)** and a **decimal**.

$$\begin{array}{l} 3 \times 3 \\ \frac{9}{12} = \frac{3}{4} = 75\% = 0.75 \\ 3 \times 4 \end{array}$$

$$\begin{array}{l} 3 \times 4 \\ \frac{12}{15} = \frac{4}{5} = 80\% = 0.8 \\ 3 \times 5 \end{array}$$

2. Calculate the LCM. Then **ORDER** these fractions from **LEAST** to **GREATEST**.

$$\frac{3 \times 3}{4} = \frac{9}{12}$$

$$\frac{5 \times 2}{6} = \frac{10}{12}$$

$$\frac{11}{12}$$

$$\left(\frac{3}{4} < \frac{5}{6} < \frac{11}{12} \right)$$

LCM = 12

LEAST to GREATEST =

$$\frac{9}{12} < \frac{10}{12} < \frac{11}{12}$$

3. **REDUCE** each fraction to lowest terms.

$$\begin{array}{l} 8 \times 8 \\ \frac{64}{72} = \frac{8}{9} \\ 8 \times 9 \end{array}$$

$$\begin{array}{l} 6 \times 4 \\ \frac{24}{36} = \frac{4}{6} = \frac{2}{3} \\ 6 \times 6 \end{array}$$

4. Look at this random list of numbers. Highlight all the **PRIME NUMBERS** with a **BLUE HIGHLIGHTER**. If the number is not prime, then don't highlight it.

3, 9, 10, 1, 11, 20, 100, 25, 2, 5, 4, 13, 0

5. **CONVERT** to a percent (%).

$$0.70 = 70\%$$

$$0.04 = 4\%$$

6. **CONVERT** to a decimal.

$$1\% = 0.01$$

$$40\% = 0.4$$

7. **CONVERT** to an **IMPROPER FRACTION** or a **MIXED NUMBER**.

$$\frac{16}{5} = 3 \frac{1}{5}$$

$$5 \frac{2}{6} = \frac{32}{6}$$