

Name: _____

Date: _____

Math 6 F&D quiz (v2) SIX types of questions to be completed in a suggested time of 8 minutes. Solve.
Actual time took to complete: _____

Score: _____ / 15

1. REDUCE to lowest terms.

$$\textcircled{8} \times 2 \quad \frac{16}{24} = \frac{2}{3}$$

$$\textcircled{6} \times \textcircled{5} \quad \frac{30}{35} = \frac{6}{7}$$

2. CONVERT to a percent (%).

$$\frac{3}{5} \stackrel{\times 20}{=} \frac{60}{100} = 60\%$$

$$\frac{6}{10} \stackrel{\times 10}{=} 60\%$$

$$\frac{8}{20} \stackrel{\times 5}{=} \frac{40}{100} = 40\%$$

$$\frac{21}{25} \stackrel{\times 4}{=} \frac{84}{100} = 84\%$$

$$\frac{39}{50} \stackrel{\times 2}{=} \frac{78}{100} = 78\%$$

$$\frac{1}{2} \stackrel{\times 50}{=} \frac{50}{100} = 50\%$$

3. CONVERT to a percent (%).

$$0.90 = 90\%$$

$$0.09 = 9\%$$

4. CONVERT to a decimal.

$$3\% = 0.03$$

$$30\% = 0.30$$

5. CONVERT to an IMPROPER FRACTION or a MIXED NUMBER.

(turn page over and draw picture of the improper fraction)

$$\frac{14}{4} = 3 \frac{3}{4}$$

$$5 \frac{2}{5} = \frac{27}{5}$$

6. COMPARE these fractions by CIRCLING the largest fraction. YOU MUST SHOW WORK SOME WORK (common denominators, explain in a few words, etc. what you did to know which was the larger fraction.)

$$\frac{8}{12} \stackrel{\times 2}{=} \frac{16}{24} < \textcircled{\frac{3}{4} \stackrel{\times 3}{=} \frac{9}{12}}$$

$$\frac{8}{12} < \textcircled{\frac{5}{6} \stackrel{\times 2}{=} \frac{10}{12}}$$

Did you print this page off MsT's website and practice? Yes or No (circle answer)