

Name:

Date:

Math 6 F&D (v5) SEVEN types of questions to be completed in a suggested time of 10 minutes. Solve.

Actual time took to complete:

Score:

/ 19

1. **COMPARE** these fractions. **CIRCLE** the larger fraction in each pair. **YOU MUST SHOW WORK SOME WORK** to prove your answer. You cannot just circle the fraction.

$$\frac{5}{8}$$

$$\frac{3}{4} \times \frac{2}{2} = \frac{6}{8}$$

$$\frac{9}{15} \times \frac{3}{3} = \frac{27}{45}$$

$$\frac{2}{3} \times \frac{10}{5} = \frac{20}{15}$$

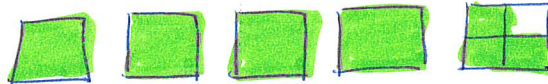
2. **CONVERT** to an **IMPROPER FRACTION** or a **MIXED NUMBER**.

$$49 \frac{54}{7} = 7 \frac{5}{7}$$

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

3. **SKETCH** this **IMPROPER FRACTION** (be accurate)

$$16 \frac{19}{4} = 4 \frac{3}{4}$$



4. **CONVERT** to a fraction then to a decimal or if it's already a fraction, convert to a decimal.

$$9\% = \frac{9}{100} = 0.09 \quad 90\% = \frac{90}{100} = 0.90 \quad \frac{9}{1000} = 0.009 \quad \frac{9}{100} = 0.09$$

same ☺

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

$$\frac{2}{5} \times \frac{20}{20} = \frac{40}{100} = 40\%$$

$$\frac{3}{10} \times \frac{10}{10} = \frac{30}{100} = 30\%$$

$$\frac{5}{20} \times \frac{5}{5} = \frac{25}{100} = 25\%$$

$$\frac{5}{25} \times \frac{4}{4} = \frac{20}{100} = 20\%$$

$$\frac{6}{50} \times \frac{2}{2} = \frac{12}{100} = 12\%$$

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

6. **CONVERT** to a fraction then to a percent (%).

$$0.2 = \frac{2}{10} \times \frac{10}{10} = \frac{20}{100} = 20\%$$

$$0.020 = \frac{20}{1000} = \frac{2}{100} = 2\%$$

7. **REDUCE** to lowest terms.

$$\frac{15}{20} = \frac{3}{4}$$

$$\frac{56}{72} = \frac{7}{9}$$