

Name:

Date:

Math 6 F&D (v4) 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.

$$\frac{12 \times 2}{20 \times 2} \frac{6}{10}$$

$$\frac{16}{20}$$

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

$$\frac{4}{5} \frac{16}{20}$$

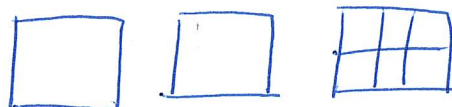
2. **CONVERT** to an **IMPROPER FRACTION** or a **MIXED NUMBER**.

$$10 \frac{13}{5} = 2 \frac{3}{5}$$

$$5 \frac{3}{7} = \frac{38}{7}$$

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

$$12 \frac{15}{6} = 2 \frac{3}{6}$$



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

$$4\% = \frac{4}{100} = 0.04 \quad 40\% = \frac{40}{100} = 0.40 \quad \frac{44}{1000} = 0.044 \quad \frac{44}{100} = 0.44$$

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

$$\frac{3}{5} = \frac{60}{100} = 60\%$$

$$\frac{6}{10} = \frac{60}{100} = 60\%$$

$$\frac{4}{20} = \frac{20}{100} = 20\%$$

$$\frac{20}{25} = \frac{80}{100} = 80\%$$

$$\frac{40}{50} = \frac{80}{100} = 80\%$$

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

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

$$0.6 = \frac{6}{10} = \frac{60}{100} = 60\%$$

$$0.080 = \frac{8}{100} = 8\%$$

7. **REDUCE** to lowest terms.

$$\frac{32}{36} = \frac{8}{9}$$

$$\frac{24}{48} = \frac{3}{6} = \frac{1}{2}$$