

Name:

Date:

Math 6 F&D (v8) 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.

$$\frac{10}{16} \times 2 = \frac{5}{8}$$

$$\frac{13}{16}$$

$$\frac{5}{15} \times 5 = \frac{1}{3}$$

$$\frac{2}{5} \times 3 = \frac{6}{15}$$

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

$$21 \frac{23}{7} = 3 \frac{2}{7}$$

$$5 \frac{6}{10} = \frac{56}{10}$$

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

$$18 \frac{19}{6} = 3 \frac{1}{6}$$

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

$$9\% = \frac{9}{100} = 0.09$$

$$90\% = \frac{90}{100} = 0.9$$

$$\frac{9}{1000} = 0.009$$

$$\frac{9}{10} = 0.9$$

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

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

$$\frac{33}{50} \times 2 = \frac{66}{100} = 66\%$$

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

$$\frac{12}{20} \times 5 = \frac{60}{100} = 60\%$$

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

$$\frac{1}{5} \times 20 = \frac{20}{100} = 20\%$$

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

$$0.64 = \frac{64}{100} = 64\%$$

$$0.060 = \frac{60}{1000} = 6\%$$

7. **REDUCE** to lowest terms.

$$\begin{matrix} 12 \times 2 & 6 \times 4 \\ \frac{24}{36} & = \frac{6}{9} = \frac{2}{3} \end{matrix}$$

$$\begin{matrix} 4 \times 10 \\ \frac{40}{50} & = \frac{4}{5} \end{matrix}$$