

Name:

Date:

Math 6 F&D (v25) THE FINAL ONE ☺. To be completed in 10 minutes. Solve.

Actual time took to complete:

Score:

/ 20

1. **SKETCH** this IMPROPER FRACTION (be accurate). **CONVERT** to a mixed number.

$$^{15} \frac{16}{5} = 3 \frac{1}{5}$$



2. **CONVERT** to a decimal.

$$5\% = 0.05$$

$$50\% = 0.5$$

$$\frac{5}{1000} = 0.003$$

$$\frac{16}{32} = \frac{1}{2} = 0.5$$

same ☺

3. **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.

$$\frac{15 \times 5}{20} \frac{3}{4}$$

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

$$\frac{14 \times 7}{42} \frac{2}{6}$$

$$\frac{3 \times 6}{7} \frac{18}{42}$$

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

$$\frac{6 \times 8}{48} = \frac{8}{10} = 80\%$$

$$\frac{5 \times 7}{35} = \frac{7}{10} = 70\%$$

$$\frac{20 \times 4}{25} = 80\%$$

$$\frac{13 \times 5}{20} = 65\%$$

$$\frac{7 \times 4}{35} \frac{28}{35} = \frac{4}{5} \times 20 = 80\%$$

$$\frac{3}{15} = \frac{1}{5} \times 20 = 20\%$$

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

$$\frac{22}{6} = 3 \frac{4}{6} = 3 \frac{2}{3} \text{ (or } 7)$$

$$2 \frac{5}{7} = \frac{19}{7}$$

6. **REDUCE** to lowest terms.

$$\frac{16}{36} = \frac{8}{18} = \frac{4}{9}$$

$$\frac{42}{56} = \frac{6}{8} = \frac{3}{4}$$

7. **CONVERT** to a percent.

$$0.08 = 8\%$$

$$0.080 = \frac{80}{1000} = 8\%$$

same ☺