

Comparing Fractions

Name _____

Date _____

When comparing two fractions to see which is larger, one method is to convert them to decimals first, and then compare the two decimal numbers.

$$\frac{2}{5} > \frac{7}{18}$$
$$0.4 > 0.3889$$

First convert $\frac{2}{5}$ to the decimal **0.4** and then convert $\frac{7}{18}$ to the decimal **0.3889** than ask yourself which of those to numbers are larger. Remember 0.4 is the same as 0.4000 Think of the first number to the right of the decimal as dimes and the 2nd number as pennies.

Convert each fraction to its decimal equivalent and show which fraction is larger using the < > = signs. YOU MUST SHOW THE DECIMAL EQUIVALENT

$$\frac{3}{9} \bigcirc \frac{4}{8}$$
$$0.33 \quad 0.50$$

$$\frac{7}{8} \bigcirc \frac{6}{9}$$
$$0.88 \quad 0.67$$

$$\frac{2}{5} \bigcirc \frac{11}{32}$$
$$0.40 \quad 0.34$$

$$\frac{2}{3} \bigcirc \frac{6}{8}$$
$$0.67 \quad 0.75$$

$$\frac{4}{12} \bigcirc \frac{6}{14}$$
$$0.33 \quad 0.43$$

$$\frac{2}{6} \bigcirc \frac{1}{3}$$
$$0.33 \quad 0.33$$

$$\frac{8}{9} \bigcirc \frac{11}{12}$$
$$0.89 \quad 0.92$$

$$\frac{9}{16} \bigcirc \frac{8}{15}$$
$$0.56 \quad 0.53$$

$$\frac{3}{15} \bigcirc \frac{1}{3}$$
$$0.20 \quad 0.33$$

$$\frac{4}{15} \bigcirc \frac{6}{12}$$
$$0.27 \quad 0.50$$

$$\frac{7}{8} \bigcirc \frac{27}{32}$$
$$0.88 \quad 0.84$$

$$\frac{7}{8} \bigcirc \frac{29}{32}$$
$$0.88 \quad 0.91$$

$$\frac{7}{8} \bigcirc \frac{28}{32}$$
$$0.88 \quad 0.50$$

$$\frac{3}{16} \bigcirc \frac{2}{9}$$
$$0.19 \quad 0.22$$

$$\frac{11}{12} \bigcirc \frac{9}{10}$$
$$0.92 \quad 0.90$$

$$\frac{3}{3} \bigcirc \frac{7}{9}$$
$$1.00 \quad 0.77$$

$$\frac{9}{2} \bigcirc \frac{6}{8}$$
$$4.50 \quad 0.75$$

$$\frac{8}{9} \bigcirc \frac{10}{12}$$
$$0.89 \quad 0.83$$

$$\frac{5}{6} \bigcirc \frac{10}{12}$$
$$0.83 \quad 0.83$$

$$\frac{3}{5} \bigcirc \frac{5}{8}$$
$$.60 \quad 0.63$$