

Name: _____ Class: _____



COMPARE FRACTIONS USE BENCHMARKS

1. Compare fractions.

a. Compare $\frac{6}{8}$ and $\frac{11}{9}$. Because $\frac{6}{8} \begin{array}{ c c } \hline \\ \hline \end{array} 1$ and $1 \begin{array}{ c c } \hline \\ \hline \end{array} \frac{11}{9}$ So, $\frac{6}{8} \begin{array}{ c c } \hline \\ \hline \end{array} \frac{11}{9}$.	b. Compare $\frac{3}{5}$ and $\frac{2}{7}$. Because $\frac{3}{5} \begin{array}{ c c } \hline \\ \hline \end{array} \frac{1}{2}$ and $\frac{1}{2} \begin{array}{ c c } \hline \\ \hline \end{array} \frac{2}{7}$ So, $\frac{3}{5} \begin{array}{ c c } \hline \\ \hline \end{array} \frac{2}{7}$.
c. Compare $\frac{9}{7}$ and $\frac{5}{6}$. Because $\frac{9}{7} \begin{array}{ c c } \hline \\ \hline \end{array} 1$ and $1 \begin{array}{ c c } \hline \\ \hline \end{array} \frac{5}{6}$ So, $\frac{9}{7} \begin{array}{ c c } \hline \\ \hline \end{array} \frac{5}{6}$.	d. Compare $\frac{7}{12}$ and $\frac{6}{14}$. Because $\frac{7}{12} \begin{array}{ c c } \hline \\ \hline \end{array} \frac{1}{2}$ and $\frac{1}{2} \begin{array}{ c c } \hline \\ \hline \end{array} \frac{6}{14}$ So, $\frac{7}{12} \begin{array}{ c c } \hline \\ \hline \end{array} \frac{6}{14}$.

2. Compare fractions.

$$\frac{8}{7} \bigcirc \frac{2}{3}$$

$$\frac{5}{9} \bigcirc \frac{1}{4}$$

$$\frac{9}{13} \bigcirc \frac{6}{5}$$

$$\frac{10}{20} \bigcirc \frac{11}{18}$$

3. Which of these comparisons are correct? Choose all that apply.

$$\frac{6}{13} > \frac{5}{7} \quad \square$$

$$\frac{4}{7} < \frac{1}{2} \quad \square$$

$$\frac{7}{12} < \frac{10}{10} \quad \square$$

$$\frac{9}{16} > \frac{1}{3} \quad \square$$

$$\frac{8}{8} = 1 \quad \square$$

$$\frac{7}{18} < \frac{3}{4} \quad \square$$

- 4.** Two buckets are the same size. Bucket #1 is $\frac{5}{9}$ full of water. Bucket #2 is $\frac{3}{10}$ full of water.

Which bucket has less water?

, because $\frac{5}{9} \square \frac{1}{2}$ and $\frac{1}{2} \square \frac{3}{10}$ so $\frac{5}{9} \square \frac{3}{10}$.

has less water.