

Name: _____ Class: _____



COMPARE FRACTIONS TO 1 AND $\frac{1}{2}$

1. Compare fractions.

a. Compare $\frac{6}{11}$ and 1.

Because $\frac{6}{11} \begin{array}{|c|c|} \hline \\ \hline \end{array} \frac{11}{11}$ and $\frac{11}{11} \begin{array}{|c|c|} \hline \\ \hline \end{array} 1$

So, $\frac{6}{11} \begin{array}{|c|c|} \hline \\ \hline \end{array} 1$.

b. Compare $\frac{3}{10}$ and $\frac{1}{2}$.

Because $\frac{3}{10} \begin{array}{|c|c|} \hline \\ \hline \end{array} \frac{5}{10}$ and $\frac{5}{10} \begin{array}{|c|c|} \hline \\ \hline \end{array} \frac{1}{2}$

So, $\frac{3}{10} \begin{array}{|c|c|} \hline \\ \hline \end{array} \frac{1}{2}$.

c. Compare $\frac{9}{7}$ and 1.

Because $\frac{9}{7} \begin{array}{|c|c|} \hline \\ \hline \end{array} \frac{7}{7}$ and $\frac{7}{7} \begin{array}{|c|c|} \hline \\ \hline \end{array} 1$

So, $\frac{9}{7} \begin{array}{|c|c|} \hline \\ \hline \end{array} 1$.

d. Compare $\frac{5}{8}$ and $\frac{1}{2}$.

Because $\frac{5}{8} \begin{array}{|c|c|} \hline \\ \hline \end{array} \frac{4}{8}$ and $\frac{4}{8} \begin{array}{|c|c|} \hline \\ \hline \end{array} \frac{1}{2}$

So, $\frac{5}{8} \begin{array}{|c|c|} \hline \\ \hline \end{array} \frac{1}{2}$.

2. Write the missing number.

$$\frac{1}{2} > \frac{\begin{array}{|c|c|} \hline \\ \hline \end{array}}{8}$$

$$1 > \frac{\begin{array}{|c|c|} \hline \\ \hline \end{array}}{4}$$

$$\frac{\begin{array}{|c|c|} \hline \\ \hline \end{array}}{4} = \frac{1}{2}$$

3. Write a fraction greater than 1, a fraction less than $\frac{1}{2}$ using the following numbers

3	4	5	7
---	---	---	---

(each number uses once only).

$$\frac{\begin{array}{|c|c|} \hline \\ \hline \end{array}}{\begin{array}{|c|c|} \hline \\ \hline \end{array}} > 1 \quad \text{và} \quad \frac{\begin{array}{|c|c|} \hline \\ \hline \end{array}}{\begin{array}{|c|c|} \hline \\ \hline \end{array}} < \frac{1}{2}$$

4. Choose all values of **a** satisfy $\frac{1}{2} < \frac{a}{10} < 1$.

☐ 4

☐ 6

☐ 10

☐ 5

☐ 8

☐ 12

Word problem:

5. Pedro and Natalia play the trumpet.

Pedro practiced $\frac{3}{4}$ of an hour. Natalia practiced $\frac{1}{2}$ of an hour.

Who practiced longer?

, because $\frac{1}{2}$ $\frac{2}{4}$ and $\frac{2}{4}$ $\frac{3}{4}$ so $\frac{1}{2}$ $\frac{3}{4}$.

practiced longer.

