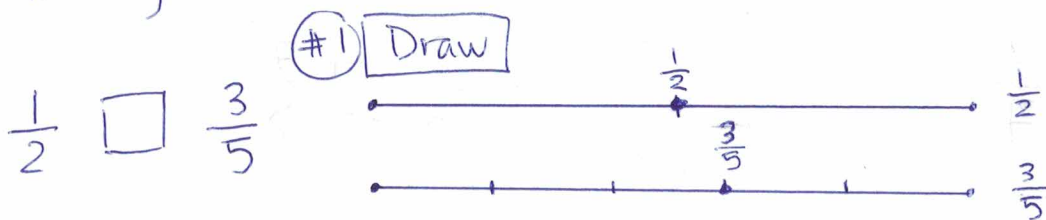


Comparing and Ordering Fractions - LCD

Name: _____

To compare fractions with different denominators, we don't always have to draw. We can compare by finding the LCD of each fraction.



#2 LCD - Lowest Common Denominator

You need to find equivalent fractions for both fractions.

$\frac{1}{2} \square \frac{3}{5}$

① List the multiples of both denominators

→ 2: 2, 4, 6, 8, 10, 12, 14, 16

→ 5: 5, 10, 15, 20, 25, 30

★ 10 is the lowest common denominator

Now find the equivalent for both fractions with a denominator of 10.

$\frac{1}{2} \xRightarrow{\times 5} \frac{5}{10}$

and $\frac{3}{5} \xRightarrow{\times 2} \frac{6}{10}$

$\frac{5}{10} \square \frac{6}{10}$ so $\frac{1}{2} \square \frac{3}{5}$

Try:

$\frac{4}{5} \square \frac{3}{4}$

Multiples of...

5: _ _ _ _ _

4: _ _ _ _ _

Try:

$$\frac{6}{7} \square \frac{4}{5}$$

$$\frac{2}{3} \square \frac{9}{10}$$

$$\frac{6}{8} \square \frac{2}{4}$$

$$\frac{3}{5} \square \frac{7}{8}$$

$$\frac{4}{5} \square \frac{7}{10}$$

$$\frac{5}{6} \square \frac{6}{8}$$

$$\frac{3}{5} \square \frac{8}{9}$$

$$\frac{3}{6} \square \frac{5}{8}$$

$$\frac{7}{10} \square \frac{8}{12}$$

$$\frac{9}{10} \square \frac{7}{8}$$

$$\frac{2}{10} \square \frac{4}{15}$$

$$\frac{6}{12} \square \frac{8}{18}$$