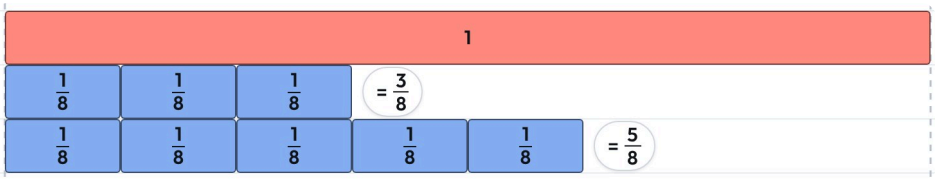
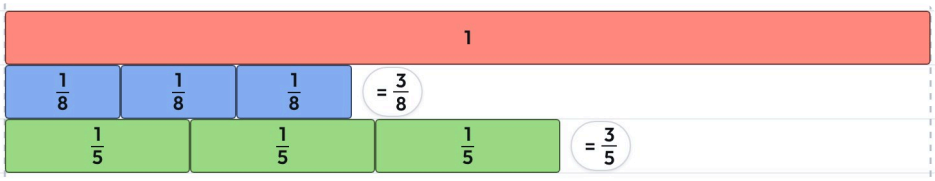
Name _____ Date _____

Same Numerators, Same Denominators

Example



Same denominator: the parts are the same size, so the fraction with more parts is greater: $\frac{5}{8} > \frac{3}{8}$.



Same numerator: there are the same number of parts, and fifths are bigger than eighths: $\frac{3}{5} > \frac{3}{8}$.

1 ON YOUR OWN **Same denominator.** Write <, > or =.

$\frac{2}{7} \bigcirc \frac{5}{7}$ $\frac{9}{10} \bigcirc \frac{7}{10}$ $\frac{4}{9} \bigcirc \frac{4}{9}$ $\frac{11}{12} \bigcirc \frac{5}{12}$ $\frac{3}{4} \bigcirc \frac{1}{4}$ $\frac{6}{11} \bigcirc \frac{8}{11}$

2 ON YOUR OWN **Same numerator.** Write <, > or =. Picture how big the parts are.

$\frac{2}{3} \bigcirc \frac{2}{5}$ $\frac{3}{10} \bigcirc \frac{3}{7}$ $\frac{5}{6} \bigcirc \frac{5}{8}$ $\frac{4}{9} \bigcirc \frac{4}{5}$ $\frac{7}{12} \bigcirc \frac{7}{8}$ $\frac{1}{6} \bigcirc \frac{1}{4}$

3 IN PAIRS Mia says: "$\frac{3}{5} < \frac{3}{8}$ because 5 is less than 8." Is Mia right? Explain with a drawing or with tiles.

Names (pair) _____ Date _____

Remember

Same denominator: the fraction with the greater numerator is greater (more equal parts). **Same numerator:** the fraction with the **smaller** denominator is greater, because the whole is split into fewer parts, so the parts are bigger.

4 IN PAIRS First decide whether the fractions have the same numerator or the same denominator, then compare them.

$\frac{5}{8} \bigcirc \frac{5}{12}$ $\frac{3}{11} \bigcirc \frac{7}{11}$ $\frac{2}{9} \bigcirc \frac{2}{3}$ $\frac{10}{12} \bigcirc \frac{9}{12}$ $\frac{6}{7} \bigcirc \frac{6}{10}$ $\frac{1}{5} \bigcirc \frac{4}{5}$

5 ON YOUR OWN Put in order from smallest to greatest.

a) $\frac{3}{8}$ $\frac{3}{4}$ $\frac{3}{10}$ $\frac{3}{5}$ → $\frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$

b) $\frac{5}{9}$ $\frac{2}{9}$ $\frac{8}{9}$ $\frac{1}{9}$ → $\frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$

6 IN PAIRS Write a number to make it true. Is there more than one answer?

$\frac{3}{\square} > \frac{3}{7}$ $\frac{4}{9} > \frac{4}{\square}$ $\frac{\square}{6} > \frac{4}{6}$ $\frac{2}{5} < \frac{\square}{5} < \frac{4}{5}$

The Fraction Tiles app · otooly.com/fraction-tiles

Lay out the whole and, below it, the two fractions you are comparing. The longer row is the greater fraction. Use this to check task 3.

★ ON YOUR OWN **Exit card.** Compare $\frac{4}{7}$ and $\frac{4}{9}$, and $\frac{5}{12}$ and $\frac{7}{12}$. Explain one answer.