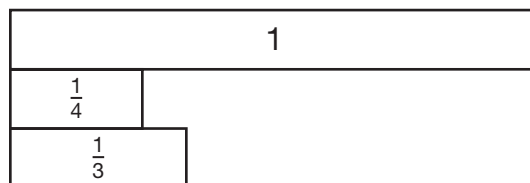# Using Models to Compare Fractions: Same Numerator

You can compare fractions with the same numerator using fraction strips.
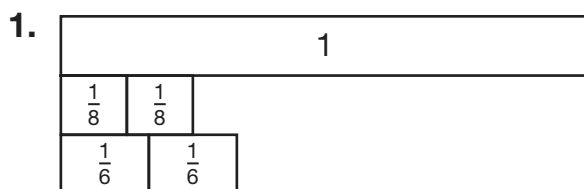
Compare $\frac{1}{3}$ and $\frac{1}{4}$.
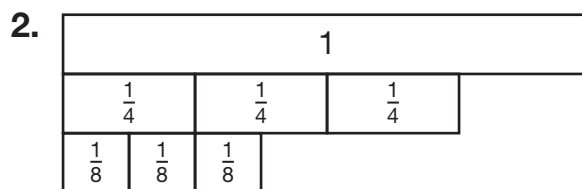
1

| $\frac{1}{4}$ | |

$\frac{1}{3}$

$\frac{1}{3}$ ◯ $\frac{1}{4}$

When fractions have the same numerator, the fraction with the *lesser* denominator is greater.

Compare. Write $<$, $>$, or $=$.

1.

1

| $\frac{1}{8}$ | $\frac{1}{8}$ |

| $\frac{1}{6}$ | $\frac{1}{6}$ |

$\frac{2}{8}$ ◯ $\frac{2}{6}$

2.

1

| $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ |

| $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ |

$\frac{3}{4}$ ◯ $\frac{3}{8}$

3. $\frac{2}{3}$ ◯ $\frac{2}{3}$

4. $\frac{3}{4}$ ◯ $\frac{3}{6}$

5. Reason If two fractions have the same numerator but different denominators, which fraction is greater? Give an example.

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