

Comparing Fractions and Equivalent Fractions Explore

Directions: Use fraction strips to mark and compare the fractions below. Fill in the \bigcirc with > or < .

1. Fold a fraction strip into halves. Mark $\frac{1}{2}$ in the correct place on your fraction strip and on the strip diagram below.

0

2. Fold a fraction strip into thirds. Mark $\frac{1}{3}$ and $\frac{2}{3}$ in the correct places on your fraction strip and on the strip diagram below.

0 1

$$\frac{1}{2}\bigcirc\frac{1}{3}\qquad \qquad \frac{1}{2}\bigcirc\frac{2}{3}\qquad \qquad \frac{1}{3}\bigcirc\frac{2}{3}$$

3. Fold a fraction strip into fourths. Mark $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ in the correct places on your fraction strip and on the strip diagram below.

0 1

4. Fold a fraction strip into sixths. Mark $\frac{1}{6}$, $\frac{2}{6}$, $\frac{3}{6}$, $\frac{4}{6}$ and $\frac{5}{6}$ in the correct places on your fraction strip and on the strip diagram below.

0

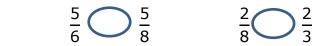
$$\frac{1}{4}\bigcirc\frac{1}{6}$$
 $\frac{2}{4}\bigcirc\frac{2}{6}$ $\frac{3}{6}\bigcirc\frac{5}{6}$ $\frac{3}{6}\bigcirc\frac{1}{6}$

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5. Fold a fraction strip into eights. Mark $\frac{1}{8}$, $\frac{2}{8}$, $\frac{3}{8}$, $\frac{4}{8}$, $\frac{5}{8}$, $\frac{6}{8}$ and $\frac{7}{8}$ in the correct place on your fraction strip and on the strip diagram below.







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

$$\frac{1}{8}$$
 $\frac{3}{8}$

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

$$\frac{2}{8}$$
 $\frac{5}{8}$

$$\frac{3}{8}$$
 $\frac{1}{8}$

Debriefing Questions

1. If two fractions have the same numerator, and different denominators, how can you tell which is the greater of the two?

2. If two fractions have the same denominator and different numerators, how can you tell which is the greater of the two?

