



## Comparing Fractions and Equivalent Fractions

*Explore*

**Directions:** Use fraction strips to mark and compare the fractions below. Fill in the  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.



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.



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

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

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

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.



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.



$$\frac{1}{4} \bigcirc \frac{1}{6}$$

$$\frac{2}{4} \bigcirc \frac{2}{6}$$

$$\frac{3}{6} \bigcirc \frac{5}{6}$$

$$\frac{3}{6} \bigcirc \frac{1}{6}$$



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.



$$\frac{1}{2} \bigcirc \frac{1}{8}$$

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

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

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

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

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

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

### Debriefing Questions

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

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

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