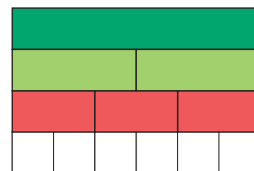
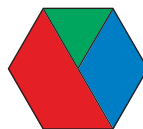
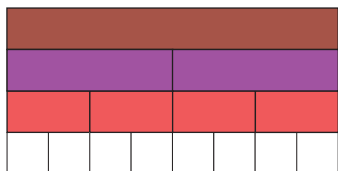


# Comparing Fractions

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Compare the fractions using  $<$ ,  $=$ , or  $>$ .  
Use Cuisenaire® Rods or pattern blocks if you like.



1

$$\frac{1}{2} \bigcirc \frac{1}{4}$$

$$\frac{1}{4} \bigcirc \frac{3}{4}$$

$$\frac{2}{4} \bigcirc \frac{1}{2}$$

$$\frac{3}{8} \bigcirc \frac{2}{4}$$

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

$$\frac{1}{2} \bigcirc \frac{4}{8}$$

$$\frac{1}{4} \bigcirc \frac{0}{4}$$

$$\frac{5}{8} \bigcirc \frac{3}{4}$$

2

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

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

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

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

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

$$\frac{2}{6} \bigcirc \frac{1}{6}$$

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

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

- 3 Which is greater:  $\frac{3}{5}$  or  $\frac{4}{10}$ ? Use words or a drawing to show your answer.

4 Compare these fractions using  $<$ ,  $=$ , or  $>$ .

$$\frac{1}{2} \bigcirc \frac{1}{5}$$

$$\frac{2}{5} \bigcirc \frac{1}{10}$$

$$\frac{1}{2} \bigcirc \frac{4}{10}$$

$$\frac{1}{5} \bigcirc \frac{3}{10}$$

$$\frac{1}{2} \bigcirc \frac{5}{10}$$

$$\frac{5}{10} \bigcirc \frac{2}{5}$$

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

$$\frac{5}{10} \bigcirc \frac{4}{5}$$

$$\frac{2}{10} \bigcirc \frac{1}{5}$$

$$\frac{7}{10} \bigcirc \frac{2}{5}$$

$$\frac{2}{5} \bigcirc \frac{3}{5}$$

$$\frac{6}{10} \bigcirc \frac{3}{5}$$



5 **Challenge** Which is greater,  $\frac{1}{5}$  or  $\frac{1}{10}$ ? Explain how you know.

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6 **Challenge** Fill in the missing numbers to make the fractions equal. Use Cuisenaire® Rods to help.

$$\frac{\square}{2} = \frac{3}{6}$$

$$\frac{2}{5} = \frac{\square}{10}$$

$$\frac{\square}{2} = \frac{3}{6}$$

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

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

$$\frac{1}{3} = \frac{\square}{9}$$

$$\frac{1}{2} = \frac{2}{\square}$$

$$\frac{3}{3} = \frac{7}{\square}$$

$$\frac{0}{4} = \frac{\square}{8}$$