

Comparing Fractions with $\frac{1}{2}$

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

- 1 Complete each fraction so that it equals $\frac{1}{2}$.

$$\frac{1}{2}$$

$$\frac{\quad}{10}$$

$$\frac{2}{4}$$

$$\frac{\quad}{50}$$

$$\frac{6}{\quad}$$

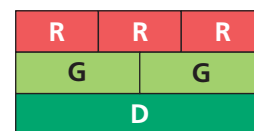
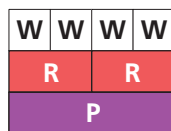
$$\frac{\quad}{16}$$

$$\frac{3}{\quad}$$

$$\frac{4}{\quad}$$

$$\frac{\quad}{20}$$

- Use $<$, $>$, or $=$ to compare each fraction with $\frac{1}{2}$.



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

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

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

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

4 $\frac{1}{2} \bigcirc \frac{0}{4}$

7 $\frac{1}{2} \bigcirc \frac{3}{3}$

8

$$\frac{15}{16} \bigcirc \frac{1}{2}$$

9

$$\frac{8}{16} \bigcirc \frac{1}{2}$$

10

$$\frac{1}{2} \bigcirc \frac{7}{16}$$

11

$$\frac{14}{28} \bigcirc \frac{1}{2}$$

12

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

13

$$\frac{5}{8} \bigcirc \frac{1}{2}$$



14 On Monday, $\frac{5}{9}$ inch of rain fell. On Tuesday, $\frac{2}{3}$ inch of rain fell. On Wednesday, $\frac{1}{2}$ inch of rain fell. On which day did the most rain fall? Use Cuisenaire® Rods to help you solve this problem. Explain your answer.

15 **Challenge** Show three different ways to shade $\frac{5}{10}$ of the rectangle.

