

**Display Master: Key Idea: Simplify Ratios**

- Ratios compare quantities and can be simplified like fractions.

**Display Master: Simplify Fractions**

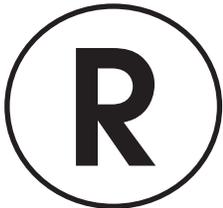
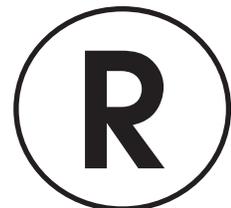
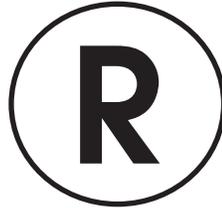
Which of the following fractions can be simplified?

$$\frac{1}{3} \quad \frac{3}{8} \quad \frac{9}{6} \quad \frac{2}{9} \quad \frac{4}{2} \quad \frac{18}{27}$$

Write the following fractions in simplest form.

$$\frac{4}{2} \quad \frac{5}{15} \quad \frac{35}{14} \quad \frac{4}{16} \quad \frac{8}{6}$$

**Display Master: 2-Color Counters: 8 Red and 4 Yellow**



**Display Master: Ratio of Red to Yellow: 8 to 4**

Red to yellow

8 to 4

8:4

$$\frac{8}{4}$$

**Display Master: Simplified Ratio of Red to Yellow**

Red to yellow

8 to 4

2 to 1

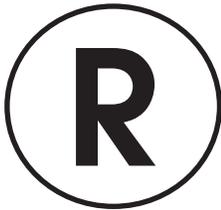
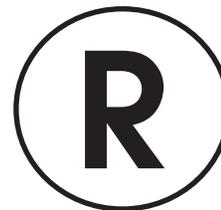
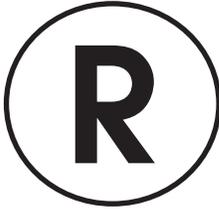
8:4

2:1

$$\frac{8}{4}$$

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

**Display Master: 2-Color Counters: 7 Red and 5 Yellow**



**Display Master: Ratio of Red to Yellow: 7 to 5**

Red to yellow

7 to 5

7:5

$$\frac{7}{5}$$