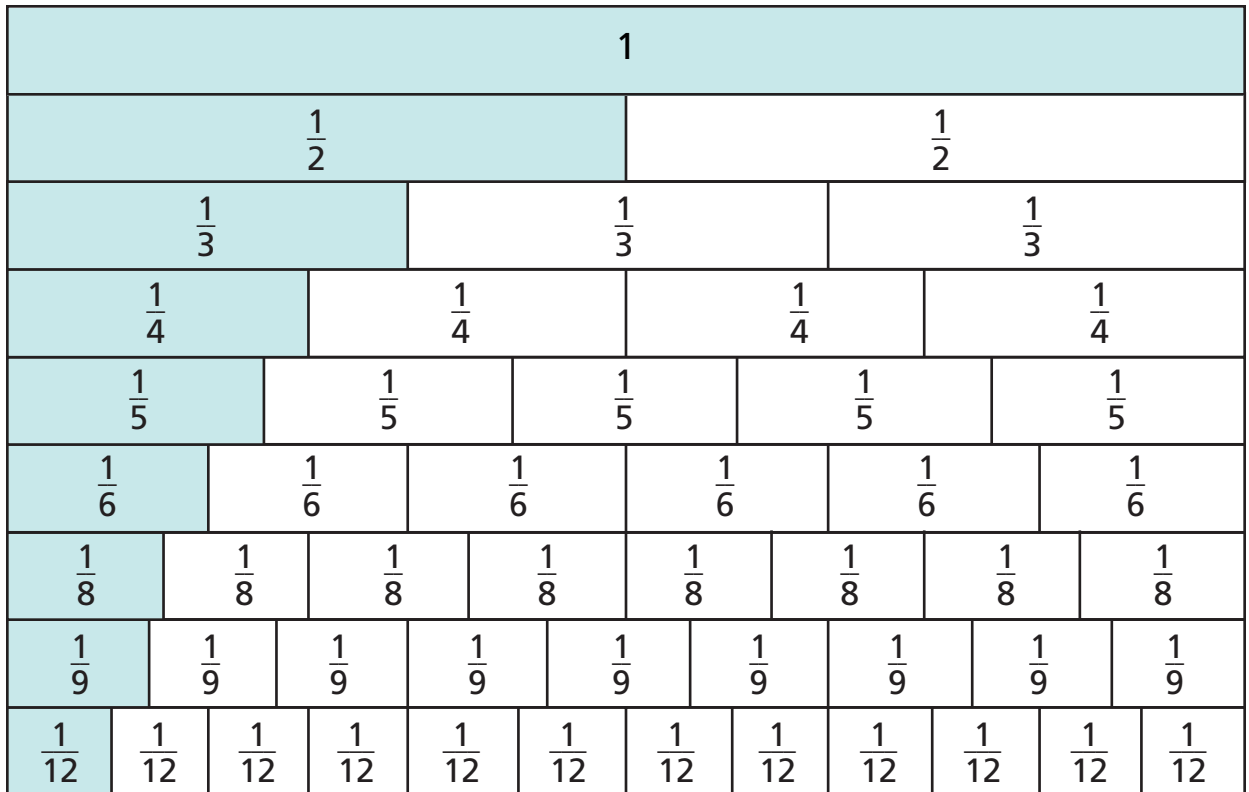


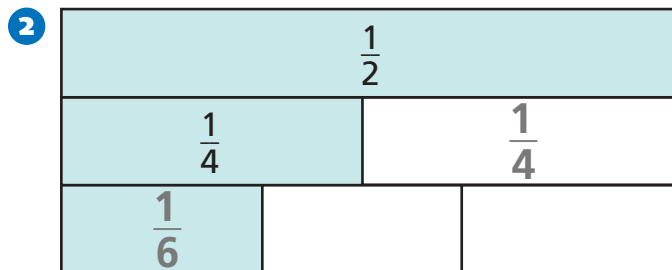
# Making Equivalent Fractions

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



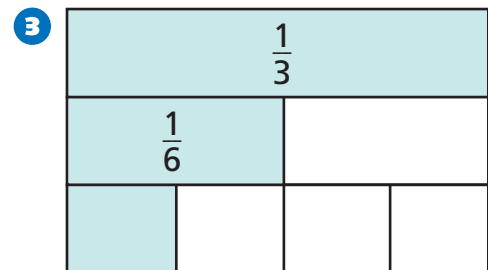
- 1 The diagram above shows:  $1 = \frac{2}{2} = \frac{3}{3} = \frac{\boxed{\phantom{00}}}{4} = \frac{\boxed{\phantom{00}}}{6} = \frac{\boxed{\phantom{00}}}{12}$

**Some groups of bars are the same as some other groups. Label each fraction piece.**



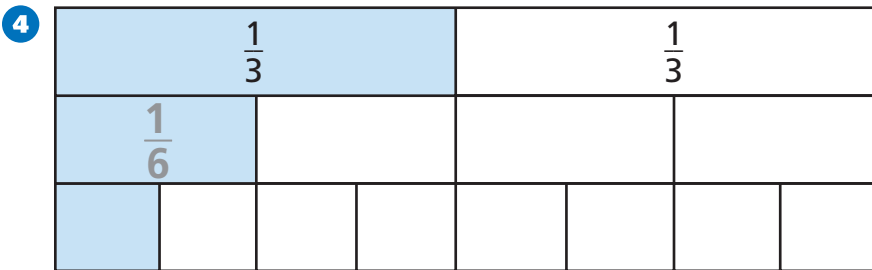
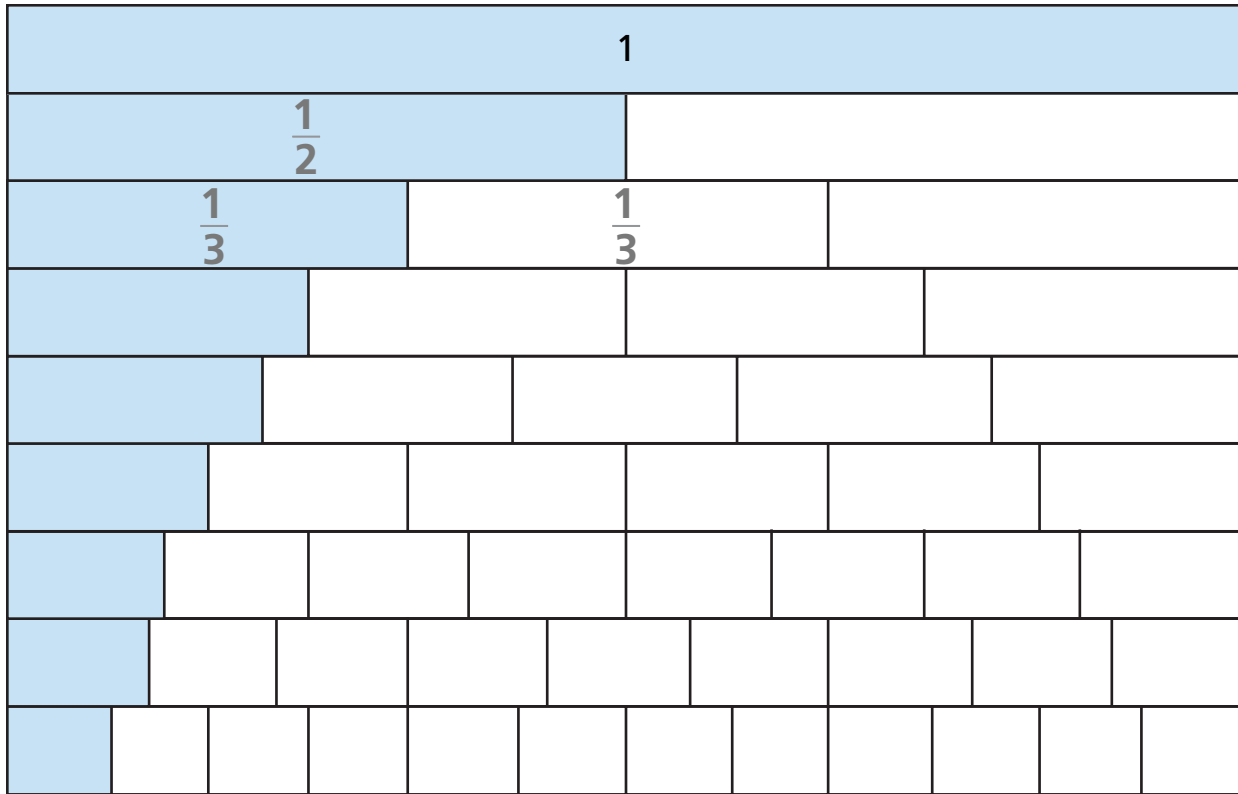
The diagram shows:

$$\frac{1}{2} = \frac{2}{4} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$



The diagram shows:

$$\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$



The diagram shows:  $\frac{2}{3} = \frac{\square}{\square} = \frac{\square}{\square}$

5 The large diagram above shows:

$$\frac{5}{6} = \frac{\square}{\square}$$

6  $\frac{1}{4} = \frac{\square}{\square} = \frac{\square}{\square}$

7  $\frac{1}{2} = \frac{\square}{\square} = \frac{\square}{\square} = \frac{\square}{\square} = \frac{4}{8}$



8 **Challenge** How did you find your answer?

$$\frac{1}{7} = \frac{\square}{\square}$$

\_\_\_\_\_

\_\_\_\_\_