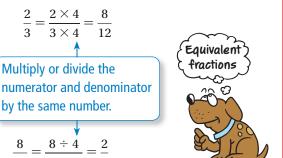
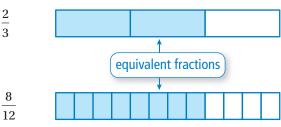
# **Visual Model**

## Key Concept and Vocabulary





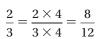
### **Skill Examples**

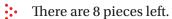
$$3. \ \frac{15}{20} = \frac{15 \div 5}{20 \div 5} = \frac{3}{4}$$

**4.** 
$$\frac{63}{56} = \frac{63 \div 7}{56 \div 7} = \frac{9}{8}$$

#### **Application Example**

**5.** A pizza has 12 pieces. Two-thirds of the pizza is left. How many pieces are left?









### PRACTICE MAKES PURR-FECT®

Check your answers at BigIdeasMath.com.

Find the equivalent fraction.

**6.** 
$$\frac{1}{2} = \frac{4}{8}$$
 **7.**  $\frac{3}{5} = \frac{9}{15}$ 

7. 
$$\frac{3}{5} = \frac{9}{15}$$

**8.** 
$$\frac{4}{3} = \frac{\boxed{12}}{9}$$

**8.** 
$$\frac{4}{3} = \frac{\boxed{12}}{9}$$
 **9.**  $\frac{1}{3} = \frac{\boxed{9}}{27}$ 

**10.** 
$$\frac{8}{20} = \frac{2}{5}$$
 **11.**  $\frac{56}{64} = \frac{7}{8}$ 

**11.** 
$$\frac{56}{64} = \frac{7}{8}$$

**12.** 
$$\frac{6}{14} = \frac{3}{\boxed{7}}$$
 **13.**  $\frac{36}{16} = \frac{9}{\boxed{4}}$ 

**13.** 
$$\frac{36}{16} = \frac{9}{4}$$

**14.** 
$$\frac{1}{5} = \frac{10}{\boxed{50}}$$

**15.** 
$$\frac{12}{36} = \frac{3}{9}$$

**16.** 
$$\frac{7}{10} = \frac{14}{20}$$
 **17.**  $\frac{9}{24} = \frac{3}{8}$ 

17. 
$$\frac{9}{24} = \frac{3}{8}$$

Shade the model so that the fraction is equivalent.

18.

19.

**20. PIZZA** A pizza has 12 pieces. Three-fourths of the pizza is left. How many pieces 9 pieces are left?

**21. SURVEY** A survey asked 240 people if they liked a movie. One-third liked it, one-sixth did not like it, and one-half had not seen it. How many people are in each of the liked: 80, did not like: 40, had not seen: 120 three categories?