## **REVIEW:** Writing Equivalent Fractions Name

Key Concept and Vocabulary  $\frac{2}{3} = \frac{2 \times 4}{3 \times 4} = \frac{8}{12}$ Multiply or divide the numerator and denominator by the same number.  $\frac{8}{12} = \frac{8 \div 4}{12 \div 4} = \frac{2}{3}$ 

#### **Skill Examples**

- **1.**  $\frac{1}{2} = \frac{1 \times 2}{2 \times 2} = \frac{2}{4}$  **2.**  $\frac{1}{2} = \frac{1 \times 3}{2 \times 3} = \frac{3}{6}$  **3.**  $\frac{1}{2} = \frac{1 \times 3}{2 \times 3} = \frac{3}{6}$
- **3.**  $\frac{15}{20} = \frac{15 \div 5}{20 \div 5} = \frac{3}{4}$
- **4.**  $\frac{63}{56} = \frac{63 \div 7}{56 \div 7} = \frac{9}{8}$

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#### **Visual Model**



### **Application Example**

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

$$\frac{2}{3} = \frac{2 \times 4}{3 \times 4} = \frac{8}{12}$$



• There are 8 pieces left.

Check your answers at BigIdeasMath.com.

#### Find the equivalent fraction.



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