## **REVIEW:** Simplifying Fractions



### **Skill Examples**

- **1.**  $\frac{2}{4} = \frac{1 \cdot 2}{2 \cdot 2} = \frac{1}{2}$
- **2.**  $\frac{3}{6} = \frac{1 \cdot 3}{2 \cdot 3} = \frac{1}{2}$
- **3.**  $\frac{15}{20} = \frac{3 \cdot \cancel{5}}{4 \cdot \cancel{5}} = \frac{3}{4}$
- $4. \quad \frac{80}{100} = \frac{4 \cdot 20}{5 \cdot 20} = \frac{4}{5}$

Name \_

# Visual Model



## **Application Example**

**5.** Five of the 25 students in your class have a Facebook account. Write this fraction in simplifed form.



 $\frac{5}{25} = \frac{1 \cdot \cancel{5}}{5 \cdot \cancel{5}} = \frac{1}{5}$ One-fifth of your class has a Facebook account.

Check your answers at BigIdeasMath.com.

## **PRACTICE** MAKES *PURR*-FECT<sup>™</sup>



#### Shade the model so that the fraction is simplified.



- **20. FACEBOOK** Eight of the 24 students in your class have a Facebook account. Write this fraction in simplified form.  $\frac{8}{24} = \frac{1}{3}$
- **21. SIMPLIFYING** Write five different fractions that each simplify to two-fifths. Sample answer:  $\frac{4}{10}$ ,  $\frac{10}{25}$ ,  $\frac{20}{50}$ ,  $\frac{24}{60}$ ,  $\frac{30}{75}$