



## Review

## Do You Know How?



## The Meaning of Division (3-1)

Draw picture to show each situation. Then find the quotient.

- Eighteen people are waiting to enter a store, and only 6 people are allowed to enter at a time. How many groups will need to enter? **3 groups**
- In an animal shelter, there are 4 times as many cats as dogs. If there are 36 cats, how many dogs are in the shelter? **9 dogs**

## Do You Understand?



- Show the picture you drew for each problem. How does it show the quotient? **See margin.**
- Is the division situation in each problem best described as *division as sharing*, *division as repeated subtraction*, or *division as a missing factor*? **Sample answer: Exercise 1-division as repeated subtraction; Exercise 2-division as a missing factor**

## Division Patterns (3-2)

Find each quotient mentally.

- $800 \div 2$       **400**
- $3,600 \div 6$       **600**
- $3,200 \div 4$       **800**
- $40,000 \div 5$       **8,000**

- Tell how you can find each quotient using mental math. **See margin.**
- How can you use  $24 \div 6 = 4$  to find  $2,400 \div 6$ ? **Sample answer: Using patterns with zeros, attach 2 zeros to the quotient to get 400.**

## Estimating Quotients (3-3)

Estimate each quotient.

**Sample estimates are given.**

- $368 \div 9$       **40**
- $1,906 \div 4$       **500**
- $\$50.85 \div 7$       **\\$7**
- $10,311 \div 5$       **2,000**

- Explain how you found each estimate. **See margin.**
- Tell if each estimate is an overestimate or an underestimate. Explain how you know. **See margin.**

## Problem-Solving Strategy: Look for a Pattern (3-4)

Look for a pattern. Write the missing numbers or draw the missing figures.

- 15, 26, 37, 48, 59, 70
- $\Rightarrow, \Leftarrow, \Uparrow, \Downarrow, \Rightarrow, \Leftarrow, \Uparrow$

- Describe the pattern in Exercise 11. **Add 11**
- Describe the pattern in Exercise 12. **Sample answer: The arrows point right, left, up, down, and repeat.**