Name

Reteaching 5-1

Using Patterns to Divide

You can use basic facts and patterns to divide mentally.

Using basic facts	Using patterns
What is 350 ÷ 70?	What is 5,400 ÷ 60?
Think: 350 ÷ 70 is the same as 35 tens ÷ 7 tens.	5,400 ÷ 60 is the same as 540 ÷ 6.
$35 \div 7 = 5$	$54 \div 6 = 9$, so $540 \div 6 = 90$.
So, 350 ÷ 70 = 5.	So, 5,400 ÷ 60 = 90.

Find each quotient. Use mental math.

1. 280 ÷ 70 =	2. 320 ÷ 40 =
3. 360 ÷ 60 =	4. 7,200 ÷ 80 =
5. 9,000 ÷ 30 =	6. 4,800 ÷ 80 =
7. 2,000 ÷ 40 =	8. 5,600 ÷ 70 =

9. How is dividing 250 by 50 the same as dividing 2,500 by 500?

10. Explain how you can mentally determine that $35,000 \div 70 = 500$.

Name_

Practice

4-7

Problem Solving: Draw a Picture and Write an Equation

Draw a picture and write an equation. Then solve.

1. Tommy paid \$39 to fill up the gas tank in his car. If one gallon of gas costs \$3, how many gallons of gas did Tommy put in?

2. To prepare for the brunch, Ivana needs to place 8 muffins in each basket. If she has 115 muffins, how many baskets will she need?

3. Write a real-world problem that you can solve by writing an equation. The answer to the problem must be 6.

4. The perimeter is the distance around an object. The perimeter of a square is 84 centimeters. What is the length of one side of the square?

Α	75 cm	B 42 cm	C 21 cm	D 14 cm

5. Writing to Explain A perfect score on a quiz is 100. Mrs. Frisoli gives students 1 point for putting their name on the paper. If there are only 9 questions on the quiz, how much is each question worth? Explain how you found your answer.

