UNIT 3

STUDENT BOOK 1 LESSON

# Patterns in Multiplicat n and Division

## Quick Review

At Home At School

Here are some strategies to help you multiply and divide.

➤ Skip count up or down from a known fact to multiply.

- To find $9 \times 7$:
  Start with: $7 \times 7 = 49$
  $9 \times 7 = 49 + 7 + 7$
  $= 63$
  So, $9 \times 7 = 63$
- To find $6 \times 8$:
  Start with: $8 \times 8 = 64$
  $6 \times 8 = 64 - 8 - 8$
  $= 48$
  So, $6 \times 8 = 48$

➤ Use related multiplication facts to divide.

- To find $56 \div 7$:
  Think: $7 \times \mathbf{8} = 56$
  So, $56 \div 7 = 8$
- To find $72 \div 8$:
  Think: $8 \times \mathbf{9} = 72$
  So, $72 \div 8 = 9$

## Try These

**1.** Multiply.

**a)** $9 \times 8 =$ ____ **b)** $4 \times 6 =$ ____ **c)** $7 \times 6 =$ ____

**d)** $6 \times 7 =$ ____ **e)** $5 \times 8 =$ ____ **f)** $8 \times 7 =$ ____

**2.** Divide.

**a)** $72 \div 9 =$ ____ **b)** $16 \div 2 =$ ____ **c)** $81 \div 9 =$ ____

**d)** $36 \div 4 =$ ____ **e)** $63 \div 9 =$ ____ **f)** $35 \div 5 =$ ____

**3.** Write a related multiplication fact for each division.

**a)** $64 \div 8$ _____ **b)** $42 \div 7$ _____

**c)** $27 \div 3$ _____ **d)** $30 \div 6$ _____

**4.** Write as many related facts as you can for each set of numbers.

**a)** 6, 7, 42 _____

**b)** 6, 9, 54 _____