Name_____

Example Complete the equations for the model.

(● ●)   (● ●)   (● ●)   (● ●)

2 + 2 + 2 + 2 = 8 $2 \times 4 = 8$

A **multiple** of a number is the product of that number and any other counting number.

Example Find each product.

$2 \times 1 = 2$	$1 \times 2 = 2$
$2 \times 2 = 4$	$2 \times 2 = 4$
$2 \times 3 = 6$	$3 \times 2 = 6$
$2 \times 4 = 8$	$4 \times 2 = 8$
$2 \times 5 = 10$	$5 \times 2 = 10$

1. Complete the equations for the model.

(● ●) (● ●) (● ●) (● ●) (● ●)

_____ + _____ + _____ + _____ + _____ = _____

_____ × _____ = _____

Find the product.
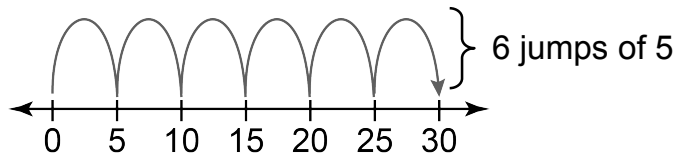
2. $2 \times 6 =$ _____

3. $8 \times 2 =$ _____

Name _____

Lesson 2.2 **Reteach**

Example Complete the model and the equation for 6 × 5.
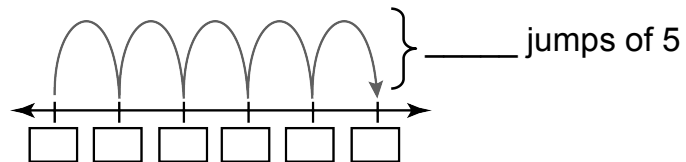
You need to skip count by 5s six times.

$\overbrace{}$ 6 jumps of 5

0   5   10   15   20   25   30

6 × 5 = 30

Example Find each product.

1 × 5 = 5	5 × 1 = 5
2 × 5 = 10	5 × 2 = 10
3 × 5 = 15	5 × 3 = 15
4 × 5 = 20	5 × 4 = 20
5 × 5 = 25	5 × 5 = 25

1. Complete the model and the equation for 5 × 5.

_____ jumps of 5

_____ × _____ = _____

Find the product.

2. 5 × 3 = _____

3. 7 × 5 = _____

Name _____

Lesson 2.3 **Reteach**

Example Find 5 × 10.

10	10	10	10	10

├──────────────── 50 ────────────────┤

10 + 10 + 10 + 10 + 10 = 50

5 × 10 = 10
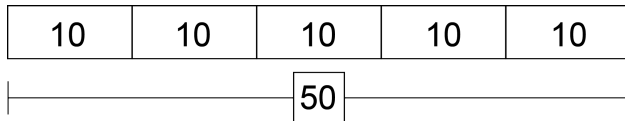
Example Find each product.

1 × 10 = 10	10 × 1 = 10
2 × 10 = 20	10 × 2 = 20
3 × 10 = 30	10 × 3 = 30
4 × 10 = 40	10 × 4 = 40
5 × 10 = 50	10 × 5 = 50

---

1. Find 6 × 10.

10	10	10	10	10	10

_____ + _____ + _____ + _____ + _____ + _____ = _____

_____ × _____ = _____
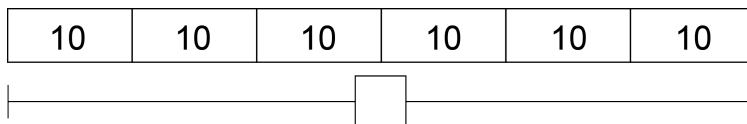
Find the product.

2. 10 × 4 = _____
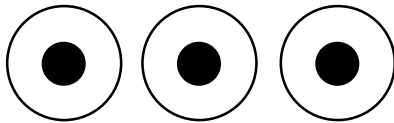
3. 7 × 10 = _____

Name _____

Lesson 2.4 **Reteach**

Multiplication Property of Zero: The product of any number and 0 is 0.

Multiplication Property of One: The product of any number and 1 is that number.
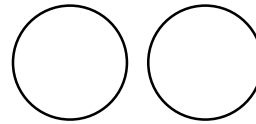
Example Complete the equation for the model.

Write 3 groups of 1 as multiplication.
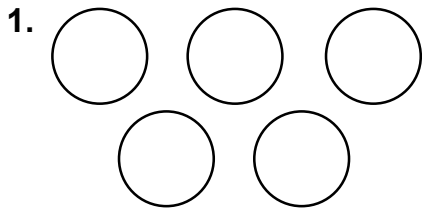$$3 \times 1 = 3$$

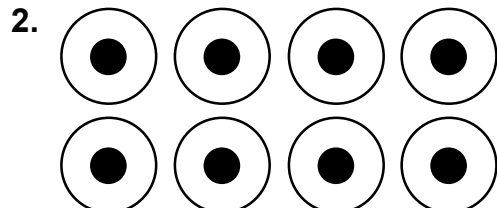**Example** Find 2×0.

Model the product of 2 and 0.

There are 0 counters in all.
So, $2 \times 0 = 0$.

Complete the equation for the model.

1.

_____ × _____ = _____

2.

_____ × _____ = _____

Find the product.

3. $10 \times 1 =$ _____

4. $4 \times 0 =$ _____
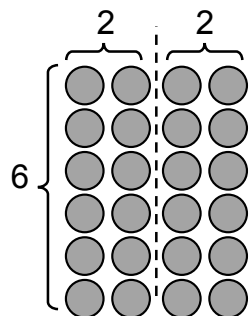
Name _____

Lesson 2.5 **Reteach**

Distributive Property (with addition)

$2 \times (6 + 3) = (2 \times 6) + (2 \times 3)$ $(6 + 3) \times 2 = (6 \times 2) + (3 \times 2)$

Example   Use the Distributive Property to find 4×6.
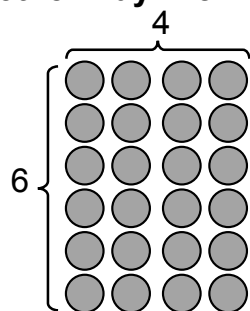
One way: Rewrite 4 as $2 + 2$.

$4 \times 6 = (2 + 2) \times 6$

$4 \times 6 = (2 \times 6) + (2 \times 6)$

$4 \times 6 = \quad 12 + 12$

$4 \times 6 = \quad\quad 24$

Another way: Rewrite 6 as $2 + 4$.

$4 \times 6 = 4 \times (2 + 4)$

$4 \times 6 = (4 \times 2) + (4 \times 4)$

$4 \times 6 = \quad 8 + 16$

$4 \times 6 = \quad\quad 24$

---

1. Use the Distributive Property to show two different ways to find 3×5.
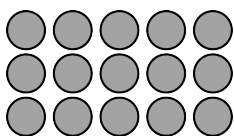
$3 \times 5 = \quad 3 \times (\_\_\_ + \_\_\_)$

$3 \times 5 = (\_\_\_ \times \_\_\_) + (\_\_\_ \times \_\_\_)$

$3 \times 5 = \quad\quad \_\_\_ + \_\_\_$

$3 \times 5 = \quad\quad\quad \_\_\_$

$3 \times 5 = \quad 3 \times (\_\_\_ + \_\_\_)$

$3 \times 5 = (\_\_\_ \times \_\_\_) + (\_\_\_ \times \_\_\_)$

$3 \times 5 = \quad\quad \_\_\_ + \_\_\_$

$3 \times 5 = \quad\quad\quad \_\_\_$

Name _____
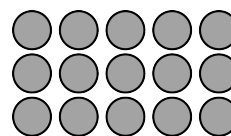
Reteach

A bakery has 5 trays. Each tray holds 6 pastries. The baker puts 27 pastries on the trays. How many more pastries can the baker put on the trays?

Understand the problem:

What do you know?	What do you need to find?
Hint: Look for the numbers in the problem.	Hint: Look for the question in the problem.
• There are 5 trays.	• You need to find how many more pastries can fit on the trays with 27 pastries already on the trays.
• Each tray holds 6 pastries.	
• The baker puts 27 pastries on the trays.	

Make a plan:	**Solve:**
How will you solve?	Pick a multiplication strategy.
• Multiply 5 by 6 to find how many pastries can fit on 5 trays.	• Model 5 × 6 on a tape diagram.
		5	5	5	5	5	5	
	$\vdash$———— 30 ————$\dashv$
• Then subtract 27 from the product.	• Use repeated addition. 6 + 6 + 6 + 6 + 6 = 30
	• Multiply. 5 × 6 = 30
	• Then subtract 27 from 30. 30 − 27 = 3
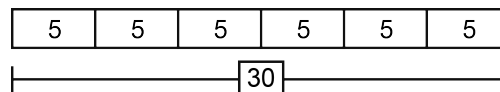
The baker can fit 3 more pastries on the trays.

1. A photo album has 8 pages. Each page holds 10 photos. Descartes puts 75 photos in the album. How many more photos can he put in the album?