Name _____

Lesson 2.1 Reteach

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. $2 \times 6 =$ _____

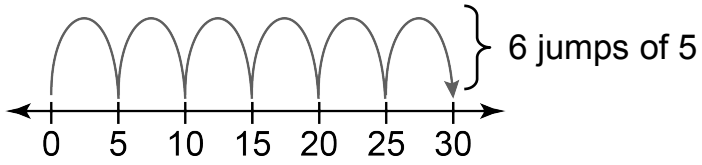
3. $8 \times 2 =$ _____

Name _____

Lesson 2.2 Reteach

Example Complete the model and the equation for 6 × 5.

You need to skip count by 5s six times.

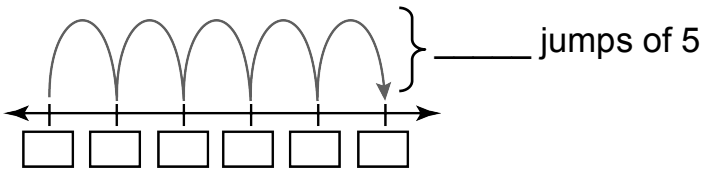


6 × 5 = 30

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.



_____ × _____ = _____

Find the product.

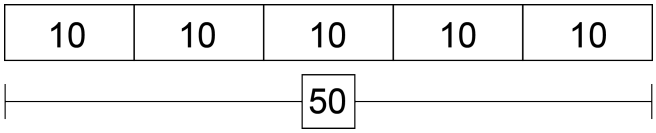
2. 5 × 3 = _____

3. 7 × 5 = _____

Name _____

Lesson 2.3 Reteach

Example Find 5 × 10.



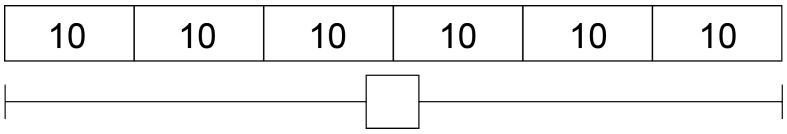
10 + 10 + 10 + 10 + 10 = 50

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.



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

_____ × _____ = _____

Find the product.

2. 10 × 4 = _____

3. 7 × 10 = _____

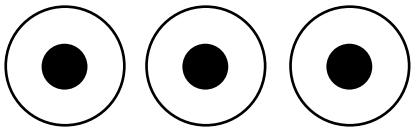
Name _____

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.

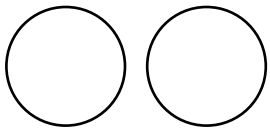


Write 3 groups of 1 as multiplication.

$3 \times 1 = 3$

Example Find 2×0.

Model the product of 2 and 0.

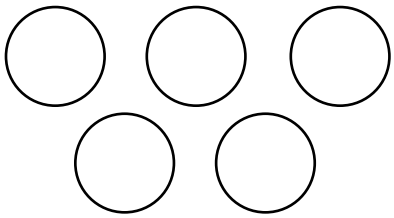


There are 0 counters in all.

So, $2 \times 0 = 0$.

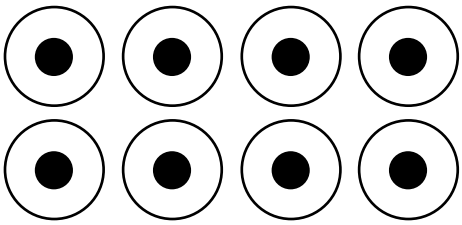
Complete the equation for the model.

1.



_____ × _____ = _____

2.



_____ × _____ = _____

Find the product.

3. $10 \times 1 =$ _____

4. $4 \times 0 =$ _____

Name _____

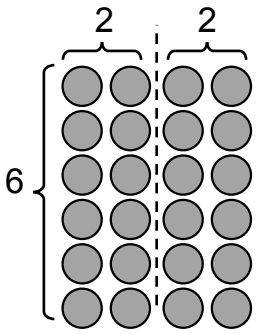
Lesson 2.5 Reteach

Distributive Property (with addition)

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

Example Use the Distributive Property to find 4×6.

One way: Rewrite 4 as 2 + 2.



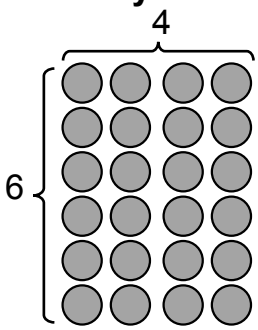
$4 \times 6 = (2 + 2) \times 6$

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

$4 \times 6 = 12 + 12$

$4 \times 6 = 24$

Another way: Rewrite 6 as 2 + 4.



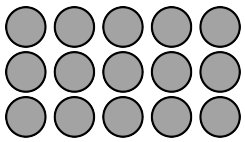
$4 \times 6 = 4 \times (2 + 4)$

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

$4 \times 6 = 8 + 16$

$4 \times 6 = 24$

1. Use the Distributive Property to show two different ways to find 3×5.

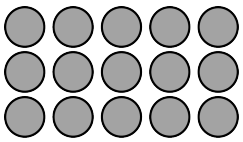


$3 \times 5 =$ $\quad 3 \times (\_\_\_\_ + \_\_\_\_)$

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

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

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



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

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

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

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

Name _____

Lesson 2.6 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?

Hint: Look for the numbers in the problem.

- There are 5 trays.
- Each tray holds 6 pastries.
- The baker puts 27 pastries on the trays.

What do you need to find?

Hint: Look for the question in the problem.

- You need to find how many more pastries can fit on the trays with 27 pastries already on the trays.

Make a plan:

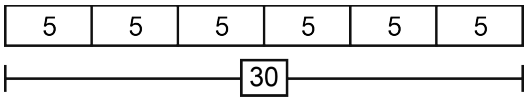
How will you solve?

- Multiply 5 by 6 to find how many pastries can fit on 5 trays.
- Then subtract 27 from the product.

Solve:

Pick a multiplication strategy.

- Model 5 × 6 on a tape diagram.



- 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?