

4 people are going on a hike. Each person takes 2 water bottles. How many water bottles do they take in all?

Use a model to show the problem.

You can skip count to solve.

2, 4, 6, 8

There are 8 bottles in all.



You can add to solve.

$$2 + 2 + 2 + 2 = 8$$

2 plus 2 plus 2 plus 2 equals 8.

The sum is 8.

Or, you can multiply. Write a multiplication sentence.

$$4 \times 2 = 8$$

4 times 2 equals 8.

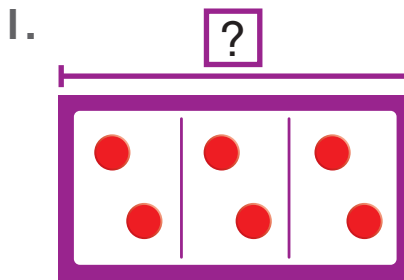
The product is 8.

### ★ Guided Practice ★

Use the model. Complete each number sentence.

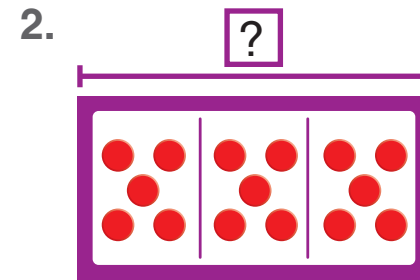
## Do You Understand?

**Show Me!** Can you write  $3 + 3 + 2$  as a multiplication sentence? Explain.



$$2 + 2 + 2 = 6$$

$$3 \times 2 = 6$$



$$5 + 5 + 5 = \underline{\hspace{2cm}}$$

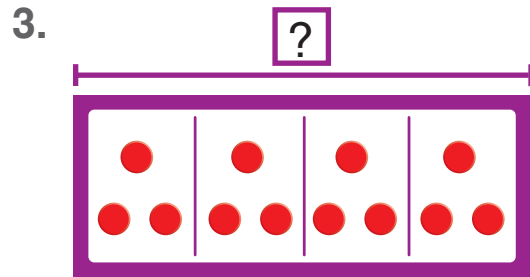
$$3 \times 5 = \underline{\hspace{2cm}}$$

Name \_\_\_\_\_



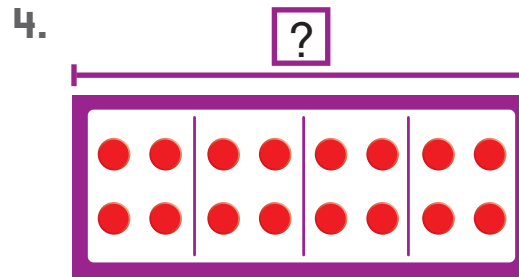
# Independent Practice

Use the model. Complete each number sentence.



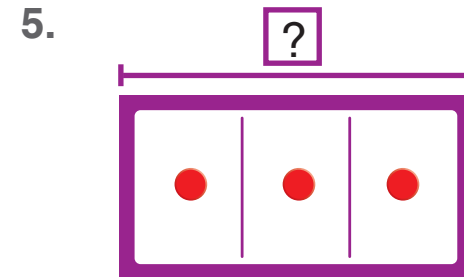
$$3 + 3 + 3 + 3 = \underline{\quad}$$

$$4 \times 3 = \underline{\quad}$$



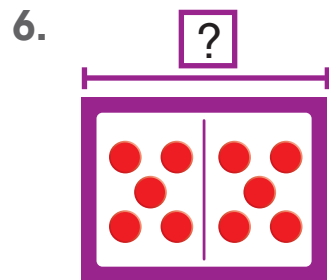
$$4 + 4 + 4 + 4 = \underline{\quad}$$

$$4 \times 4 = \underline{\quad}$$



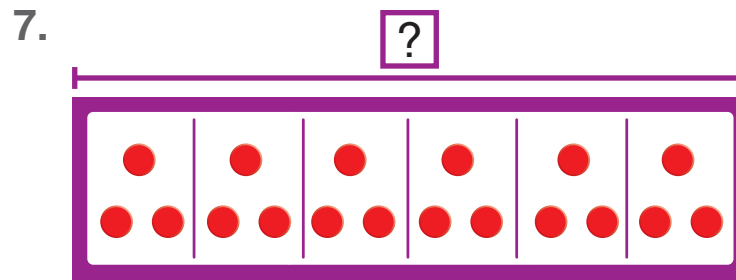
$$1 + 1 + 1 = \underline{\quad}$$

$$3 \times 1 = \underline{\quad}$$



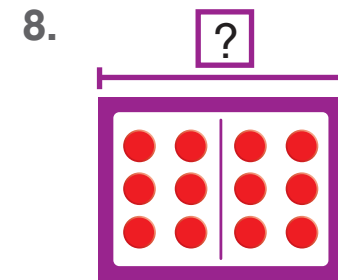
$$5 + 5 = \underline{\quad}$$

$$2 \times 5 = \underline{\quad}$$



$$3 + 3 + 3 + 3 + 3 + 3 = \underline{\quad}$$

$$6 \times 3 = \underline{\quad}$$



$$6 + 6 = \underline{\quad}$$

$$2 \times 6 = \underline{\quad}$$

9. **Extend Your Thinking** Write the missing numbers.

$$2 + 2 + 2 + 2 + 2 = \underline{\quad}$$

$$\square \times 2 = 10$$

$$9 + 9 + 9 = \underline{\quad}$$

$$3 \times \square = 27$$

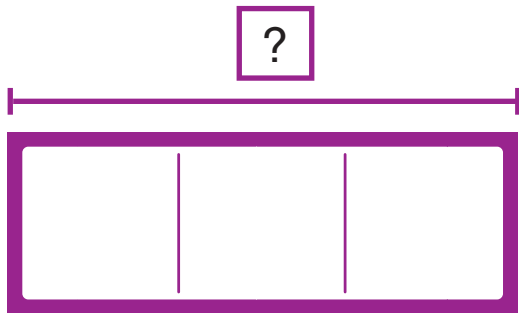
$$8 + 8 = \underline{\quad}$$

$$\square \times \square = 16$$

# Problem Solving

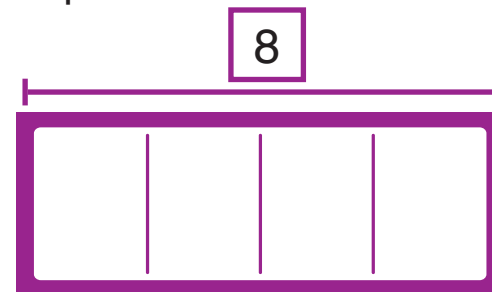
Use counters to solve. Draw counters to make a model.

10. 3 people pick apples.  
Each person picks 5 apples.  
How many apples do they pick in all?



$3 \times 5 = \underline{\quad}$   $\underline{\quad}$  apples

11. 4 people pick 8 pumpkins in all.  
Each person picks the same number of pumpkins.  
How many pumpkins does each person pick?



$4 \times \underline{\quad} = 8$   $\underline{\quad}$  pumpkins

12. 4 students go to the gift shop.  
★ Each student buys 3 postcards.  
Which sentence shows this problem?



$4 + 3 = 7$



$4 \times 3 = 12$



$3 \times 3 = 9$



$4 + 4 + 4 + 4 = 16$



13. **Extend Your Thinking** Write a story using  $5 + 5 + 5 + 5 = 20$ . Write the multiplication sentence that goes with your story.

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$\underline{\quad} \times \underline{\quad} = \underline{\quad}$