Unit 2, Lesson 4

A Change Unknown

Let’s solve story problems and compare ways to find an unknown addend.

Warm-up

Number Talk: Adding a Few More

Find the value of each expression mentally.

- $5 + 1$
- $5 + 2$
- $6 + 2$
- $7 + 3$

Activity 1

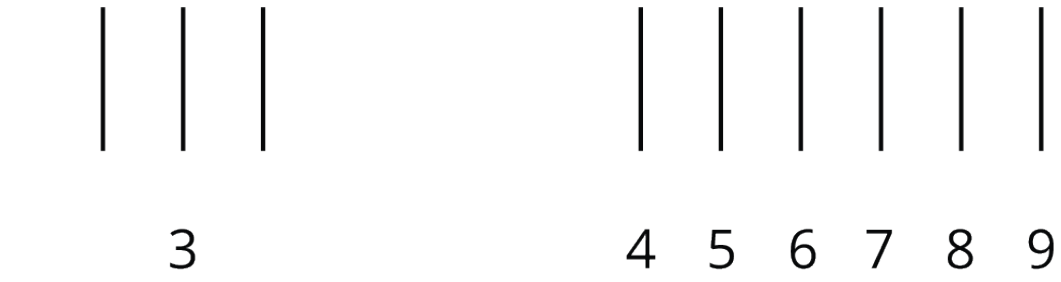
Andre's Books

1. Andre checks out some books from the library.
   Mai gives him more books.
   Now Andre has 9 books.

   What do you notice?
   What do you wonder?

2. Andre checks out 3 books from the library.
   Mai gives him some more books.
   Now Andre has 9 books.
   How many books did Mai give him?

   Lin made this drawing.



   How does Lin's drawing show how many books Mai gave Andre?

Activity 2

Practice Making Equations True

Find the number that makes each equation true.

1. $4 + 2 = \square$

2. $\square = 3 + 1$

3. $5 + \square = 7$

4. $6 + \square = 8$

5. $10 = 5 + \square$

6. $5 + 4 = \square$

7. $4 + \square = 7$

8. $6 + \square = 9$

9. $8 = 4 + \square$

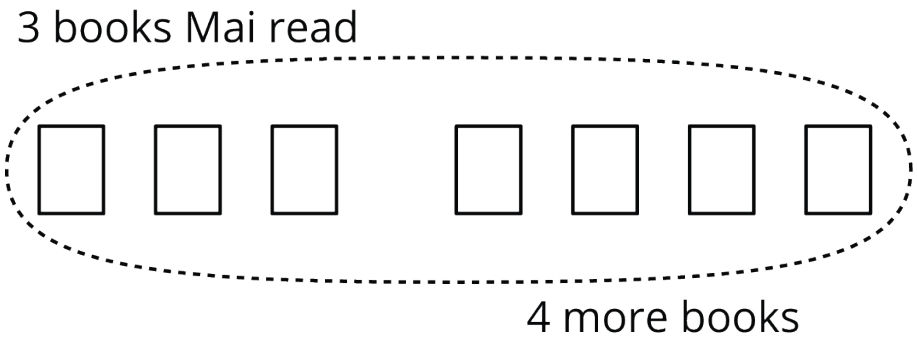
10. $7 + \square = 10$

Section A Summary

We solved story problems.
We represented the problems with objects, drawings, and words.

- We solved story problems with addition.

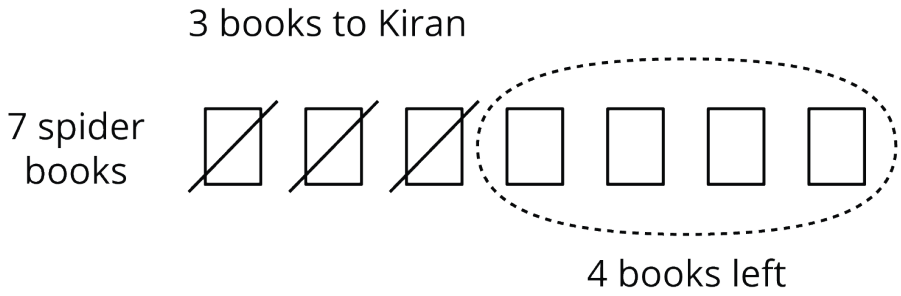
Mai reads 3 books about dogs.
Then she reads 4 more books.
How many books does Mai read all together?



$3 + 4 = \boxed{7}$

- We solved story problems with subtraction.

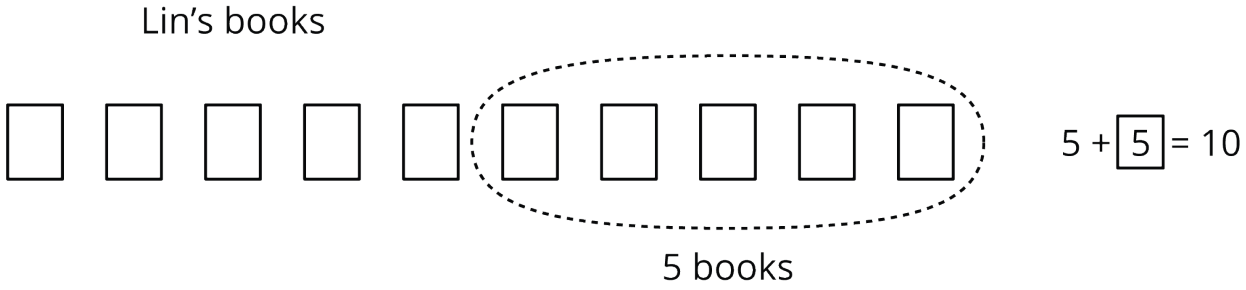
Tyler has 7 books about spiders.
He gives 3 to Kiran to read.
How many books does Tyler have left?



$7 - 3 = \boxed{4}$

- We solved story problems where the change was unknown.

Lin has 5 books.
Her teacher gives her some more books.
Now Lin has 10 books.
How many books did the teacher give her?



- We learned that the equal sign, =, means "the same amount as" and "equals."