



# 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.

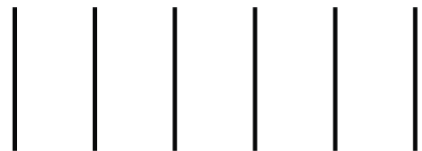
How many books did Mai give him?

Lin made this drawing.



3

Andre's books



4 5 6 7 8 9

Mai's books

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.

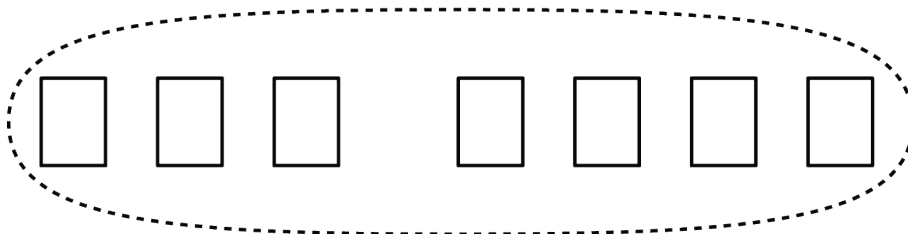
- We solved story problems with addition.

Mai reads 3 books about dogs.

Then she reads 4 more books.

How many books does Mai read all together?

3 books Mai read



4 more books

$$3 + 4 = \boxed{7}$$

- We solved story problems with subtraction.

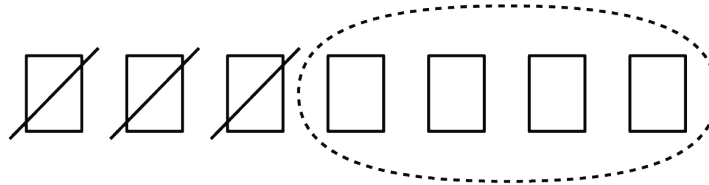
Tyler has 7 books about spiders.

He gives 3 to Kiran to read.

How many books does Tyler have left?

3 books to Kiran

7 spider  
books



4 books left

$$7 - 3 = \boxed{4}$$



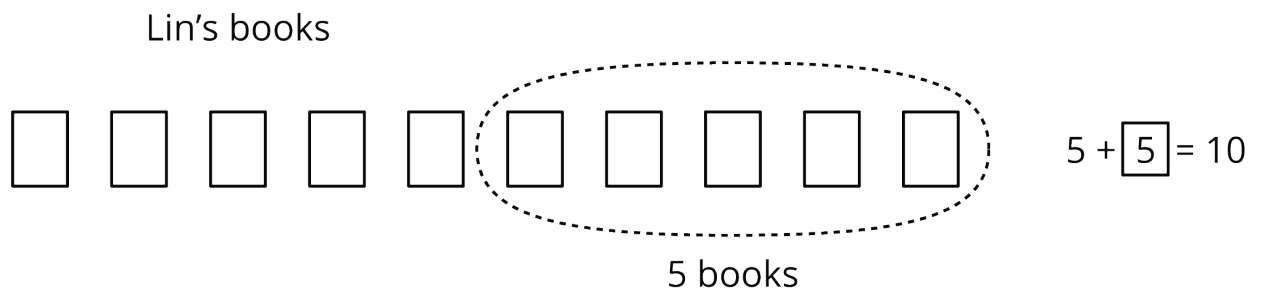
- We solved story problems where the change was unknown.

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.”