



# Story Problems within 10

Let's solve story problems.

## Warm-up

### Notice and Wonder: Han's Cup

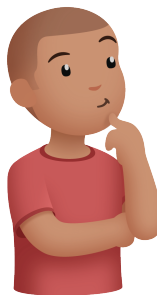
What do you notice?

What do you wonder?

Han plays *Shake and Spill*.

He has some counters in his cup.

Then he puts more counters in his cup.



## Activity 1

### A Shake and Spill Story Problem

Han plays *Shake and Spill*.

He has some counters in his cup.

Then he puts 3 more counters in his cup.

Now he has 10 counters in his cup.

How many counters did he start with?

Show your thinking using drawings, numbers, or words.

Equation: \_\_\_\_\_



## Activity 2

### Shake and Spill Story Problems

Students play *Shake and Spill*.

1. Noah starts with 10 counters in a cup.

4 of the counters fall out.

How many counters are still in the cup?

2. Kiran has 4 counters in a cup.

He puts more counters in.

Now he has 7 counters in his cup.

How many more counters did Kiran put in his cup?



3. Clare has some counters in a cup.  
She puts 3 more counters in.  
Now she has 9 counters in her cup.  
How many counters were in her cup before she added more?

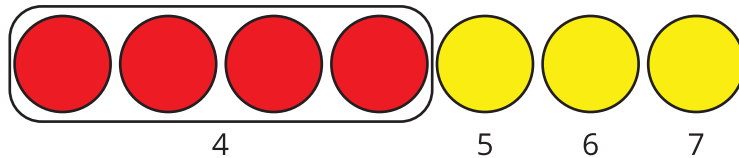


## Section A Summary

We practiced adding within 10.

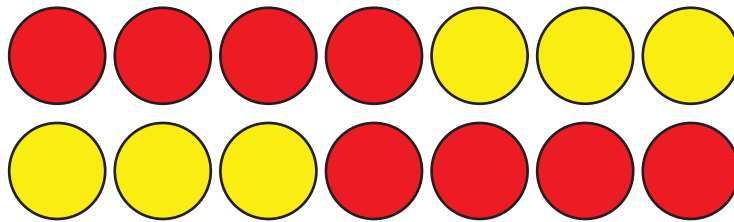
We counted on.

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



We added in any order.

$4 + 3$  is the same amount as  $3 + 4$ .



We learned that when expressions have the same value, you can show that with an equal sign.

$$4 + 3 = 3 + 4$$

We learned that we can use addition to find the difference between 2 numbers.

$$10 - 6 = \square$$

$$6 + \square = 10$$

Since I know  $6 + 4 = 10$ , then I know  $10 - 6 = 4$ .

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
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|  | 1                                                                                 | 2                                                                                 | 3                                                                                 | 4                                                                                 |