## Lesson 6: 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 is playing Shake and Spill.
He has some counters in his cup.
Then he puts more counters in his cup.



### 6.1: A Shake and Spill Story Problem

Han is playing 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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



### 6.2: Shake and Spill Story Problems

1. Noah is playing Shake and Spill with 10 counters.
4 of the counters fall out of the cup.
How many counters are still in the cup?
Show your thinking using drawings, numbers, or words.
* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
1. Kiran has 4 counters in a cup.
He doesn’t have enough so he puts more counters in.
Now he has 7 counters in his cup.
How many more counters did Kiran put in his cup?
Show your thinking using drawings, numbers, or words.
* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
1. Clare has some counters in a cup.
She puts 3 more counters in her cup.
Now she has 9 counters in her cup.
How many counters were in her cup before she added more?
Show your thinking using drawings, numbers, or words.
* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
1. Priya has some counters in a cup.
She has 2 red counters and 8 yellow counters.
How many counters does she have?
Show your thinking using drawings, numbers, or words.
* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* 

### Section Summary

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We practiced adding within 10.

We counted on.

$4+3=$



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.

$10−6=$

$6+=10$

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





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