## 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.

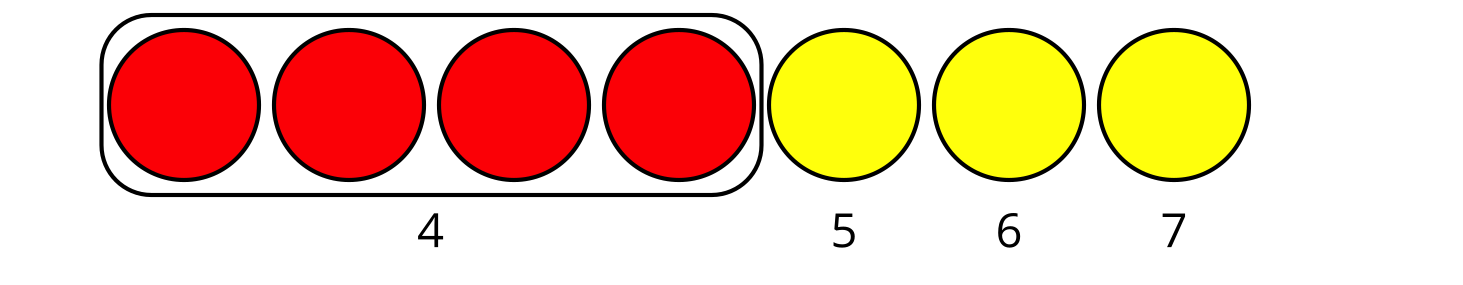
* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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### Section Summary

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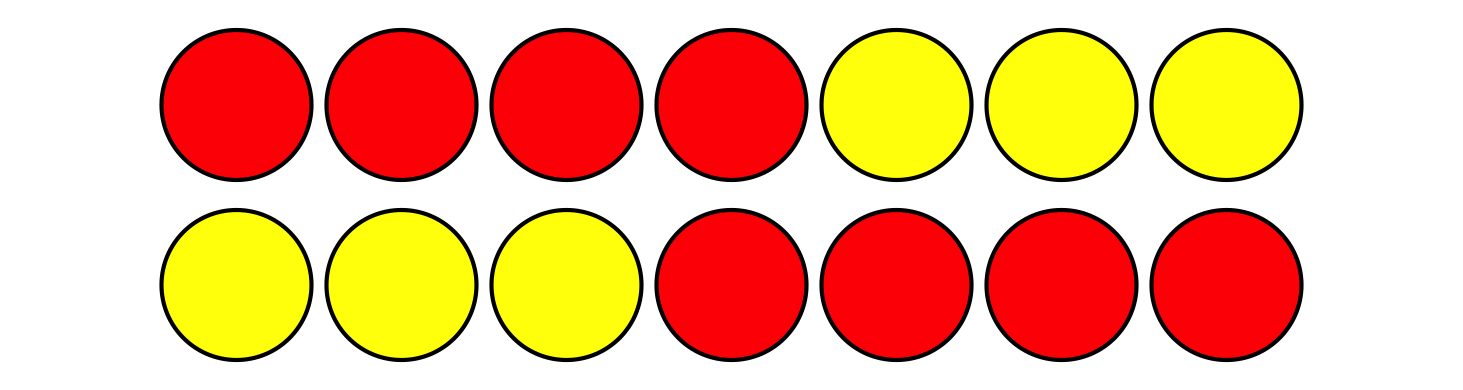
We practiced adding within 10.

We counted on.



We added in any order.

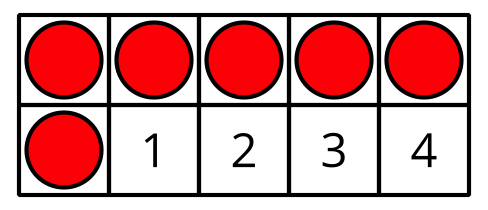
is the same amount as .



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

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

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





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