

# Explore Solving Two-Step Word Problems

You have solved one-step word problems. Use what you know to try to solve the problem below.

**Erin uses ribbon to make bookmarks. She has 3 striped bookmarks and 3 dotted bookmarks. Then she makes 7 white bookmarks. How many bookmarks does Erin have now?**

## TRY IT



### Math Toolkit

- connecting cubes
- counters
- 10-frames
- number bonds
- number lines



## DISCUSS IT

### Ask your partner:

Can you explain that again?

### Tell your partner:

I am not sure how to find the answer because ...



### Learning Targets

- Solve two-step word problems.
- Use models to help solve two-step problems.
- Use equations to help solve two-step problems.

# CONNECT IT

## 1 LOOK BACK

How many bookmarks does Erin have now? .....

## 2 LOOK AHEAD

You need two steps to solve some problems. Here is another example.

**Juan has 3 pink markers and 7 green markers. He loses 2 markers. How many markers does Juan have now?**

a. Why might you start this problem with  $3 + 7 = 10$ ?

b. What is the next step? Complete the equation.

$$10 - \dots = \dots$$

c. How many markers does Juan have now? .....

## 3 Why is this a two-step problem?

## 4 REFLECT

Look at the equations in problems 2a and 2b. Why is 10 in both equations?

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# Prepare for Solving Two-Step Word Problems

- 1 Think about what you know about solving two-step problems. Fill in each box. Use words, numbers, and pictures. Show as many ideas as you can.

In My Own Words	My Illustrations
Examples	Non-Examples

**two-step problem**

- 2 Alo has 3 red marbles and 8 blue marbles. Then he loses 2 marbles. How many marbles does Alo have now?  
What are two steps you can use to solve this problem?

- 3 Solve the problem. Show your work.

**Kia has 2 blue balloons and 5 yellow balloons. Then she buys 8 green balloons. How many balloons does Kia have now?**

**Solution** .....

- 4 Check your answer. Show your work.

