

Homework & Practice 4-9

Reasoning

Another Look! You can write a number story for each problem. Then you can complete the equation to match.

$$12 - 5 = \underline{7}$$

Cindy picks 12 lemons.
She gives 5 away.
How many lemons does Cindy have now?
Now Cindy has 7 lemons.

$$9 + 5 = \underline{14}$$

Sarah picks 9 flowers.
Then she picks 5 more.
How many flowers does Sarah pick in all?
Sarah picks 14 flowers in all.

HOME ACTIVITY Write problems such as $15 - 9 = \underline{\quad}$ and $7 + 9 = \underline{\quad}$. Ask your child to write or say a number story about the problem. Then have him or her complete the equation to match the story.



Write a number story to show the problem.
Complete the equation to match your story.

1. $14 - 8 = \underline{\quad}$

2. $8 + 8 = \underline{\quad}$

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Socks Melissa finds 5 blue socks. Then she finds 3 purple socks. She writes addition and subtraction stories about the socks.



3. **MP.2 Reasoning** Melissa writes this question about the socks:
How many socks did I find in all?

Write an equation to solve Melissa's question.

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ socks}$$

4. **MP.2 Reasoning** Melissa writes another question about the socks:
How many more blue socks than purple socks did I find?

Write an equation to solve Melissa's question.

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ more blue socks}$$

5. **MP.3 Explain** Melissa says the addition and subtraction equations for her problems are related facts. Is Melissa correct? Circle **Yes** or **No**. Use words, pictures, or equations to explain.

Yes **No**