Learn About

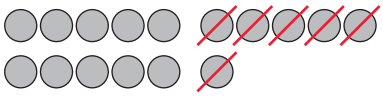
More Ways to Solve Two-Step Problems

Read the problem. Then you will model a two-step problem.

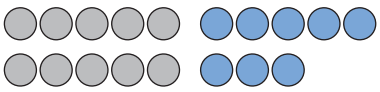
There were 16 quarters in a jar. Russ took 6 quarters. Then Dad added more quarters to the jar. Now there are 18 quarters in the jar. How many did Dad put in?

Picture It You can draw a picture.

Step 1: There were 16 quarters in a jar.
Russ took 6 quarters.

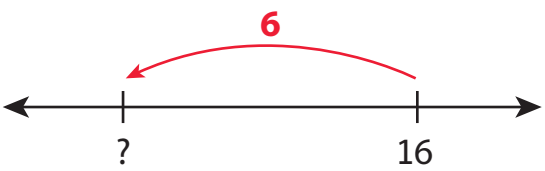


Step 2: Then Dad added more quarters to the jar.
Now there are 18 quarters in the jar.

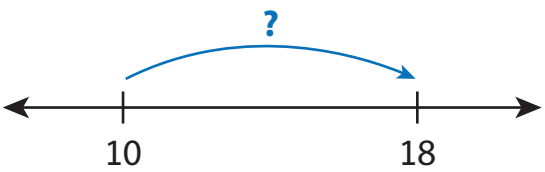


Model It You can use open number lines.

Step 1: There were 16 quarters in a jar.
Russ took 6 quarters.



Step 2: Then Dad added more quarters to the jar.
Now there are 18 quarters in the jar.



Connect It **Understand what the models mean.**

8 What happens in Step 1 of the problem?

_____

9 Look at the number line in Step 1 of *Model It*.

Complete the equation. 16 − 6 = _____

10 What happens in Step 2 of the problem?

_____

11 Write an equation for Step 2.

_____ + ? = _____

12 How many quarters did Dad put in the jar? _____

13 **Talk About It** **Work with a partner.**

Explain how to solve a two-step problem.

Write About It _____

_____

_____

Try It **Try another problem.**

14 Gus had 7 shells. Then he found 4 more. Then some shells broke. Now Gus has 9 shells. How many shells broke? Show your work.

_____

_____