

G2-M7-Lesson 13

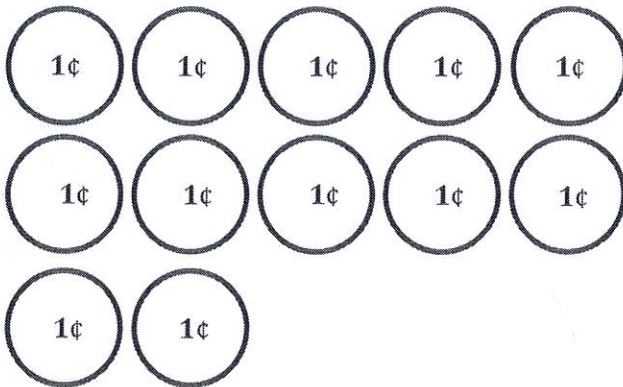
James had 1 quarter, 1 dime, and 12 pennies. He found 3 coins under his bed. Now he has 77 cents. What 3 coins did he find?



25 cents



10 cents

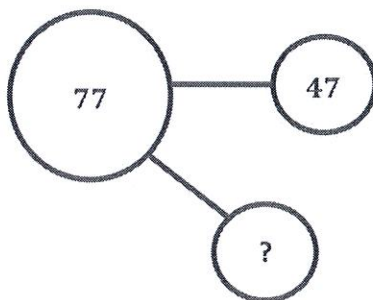


12 cents

After I read the problem, I draw the coins that James had at first. Then I add them up to find the total using the arrow way. James had 47 cents.

$$25 \xrightarrow{+10} 35 \xrightarrow{+10} 45 \xrightarrow{+2} 47$$

$$47 + \underline{30} = 77$$



When I show it this way, in a number bond with a missing part, it helps me understand the situation. He found 30 cents more because $47 + 30 = 77$. I know because only the tens change from 47 to 77. 77 is 3 tens more than 47.

James found 3 dimes.

I know that James found 30 cents, and 30 is 3 tens, so he must have found 3 dimes!