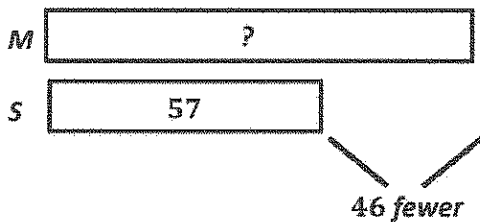


G2-M4-Lesson 31

Solve the following word problems by drawing a tape diagram. Then, use any strategy that you've learned to solve.

Sandra has 46 fewer coins than Martha. Sandra has 57 coins.

- a. How many coins does Martha have?



I use the RDW process to solve. A tape diagram helps me see the parts I know. I know that Sandra has 46 fewer coins than Martha, so that means Martha has more coins, 46 more. I add to find the number of coins Martha has.

$$57 + 46 = ?$$

$$\begin{array}{r} 3 \\ 43 \end{array}$$

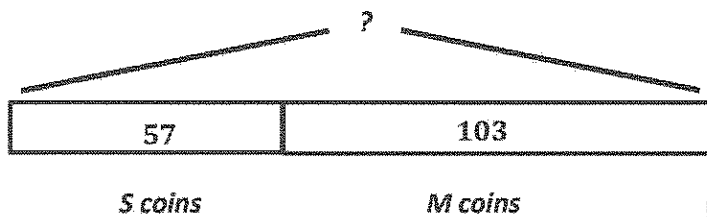
$$57 + 3 = 60$$

$$60 + 43 = 103$$

I use a number bond and the make ten strategy to solve!

Martha has 103 coins.

- b. How many coins do Sandra and Martha have together?



From Part (a), I know that Martha has 103 coins. I add them to Sandra's 57 coins to get 160 coins all together.

$$57 + 103 = ?$$

$$57 + 100 + 3 = ?$$

$$60 + 100 = 160$$

Sandra and Martha have 160 coins together.

I break 103 into 100 + 3 and then add the 3 to 57 to make the friendly number 60. Now, this problem is easy: 60 + 100 = 160.