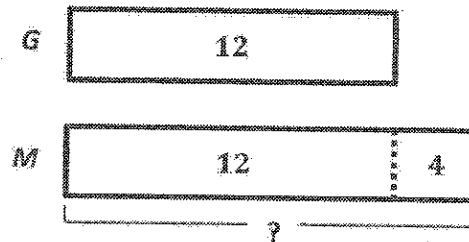
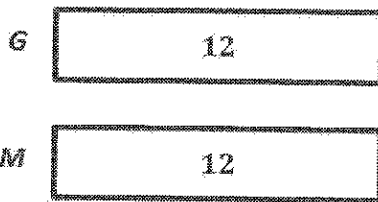


G1-M6-Lesson 2

1. Grace used 12 blocks to build a tower. Matt used 4 more blocks than Grace. How many blocks did Matt use?



I can draw a double tape diagram to represent the story. First, I can draw a tape diagram that represents the number of blocks, 12, that Grace used to build a tower and label her tape with the letter *G*. Then I can draw a second tape diagram to represent the number of blocks Matt used to build his tower and label it with the letter *M*. Since I don't yet know how many blocks Matt used for his tower, I can begin by drawing and labeling his tape the same size as Grace's.

The story says, "Matt used 4 more blocks than Grace." So, I need to draw an extra part of tape next to Matt's to show that he used 4 more blocks than Grace. The unknown is the total number of blocks Matt used. I can label this with a question mark.

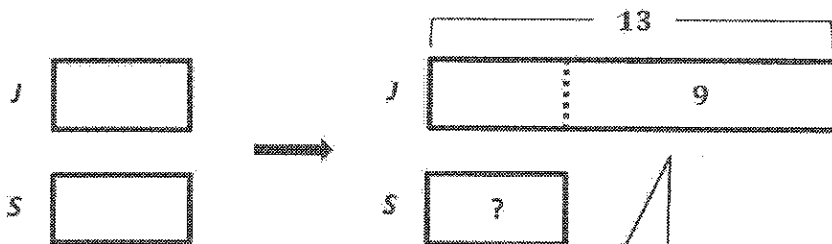
To check that I've drawn and labeled all of the known and unknown information, I can read each part of the story again. As I read, I can touch the part of the double tape diagram that corresponds to what I'm saying.

$$12 + 4 = \boxed{16}$$

Matt used 16 blocks.

Now I can write a number sentence to help me find the total number of blocks and a statement that answers the question.

2. Susan found 9 fewer seashells than John. John found 13 seashells. How many seashells did Susan find?



I can start by drawing and labeling a double tape diagram to represent the story. I will draw my two tapes the same size.

The first sentence of the story says, "Susan found 9 fewer seashells than John." That means John found 9 more seashells than Susan. I can show this on my diagram by adding another part to John's tape and labeling it with a 9.

The second sentence of the problem says, "John found 13 seashells." That means 13 represents the total number of seashells John found, so I can put the arms around John's entire tape diagram and label it 13. The question, however, is, "How many seashells did Susan find?" I know that if I find out the unknown part for John's tape, then I also find the unknown of Susan's tape.

$$13 - 9 = \boxed{4}$$

Susan found 4 seashells.

I can use subtraction to find the missing part. Since John's missing part is 4, Susan's missing part is also 4 because they are the same size. So, Susan found 4 seashells.