G1-N6-Lesson 1

Noah ate 7 jelly beans. His older sister Charlotte ate 15 jelly beans. How many more jelly beans did Charlotte eat than Noah?

I can first draw and label a tape diagram to represent the number of jelly beans Noah ate, 7. I can label this tape diagram with the letter N.

Next, I can draw and label a second tape diagram right underneath to represent the number of jelly beans Charlotte ate, 15, and label it with the letter C. I can see that Charlotte's tape is longer than Noah's because she ate more jelly beans. Drawing and labeling a double tape diagram like this helps me easily compare numbers.

N 7

c 7 ?

15

Noah's tape represents 7, so this much of Charlotte's tape is also 7.

This part of Charlotte's tape represents how many more jelly beans she ate. I can write a question mark in this part to represent the unknown.

15 - 7 = 8

Charlotte ate 8 more jelly beans than Noah.

Finally, I need to write my statement that matches my story. This will help me check my answer and make sure it makes sense. Now I can write a number sentence to find the unknown. There are many strategies to find the unknown. I can count on from 7 to get to 15. I can think of this problem as 7 + ? = 15 to get 8. But, in this case I choose to use subtraction since it is the most efficient.