

Section A: Practice Problems

1. Pre-unit

Write the number that makes each statement true.

a. $9 + 7 = \square$

b. $15 - \square = 8$

c. $\square - 11 = 8$

2. Pre-unit

Put a $<$ or $>$ in each box to make each statement true.

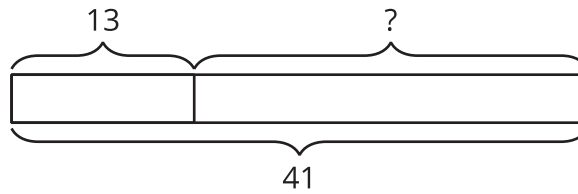
a. $91 \square 19$

b. $84 \square 87$

c. $52 \square 36$

3. Pre-unit

a. Write an equation that matches the tape diagram.

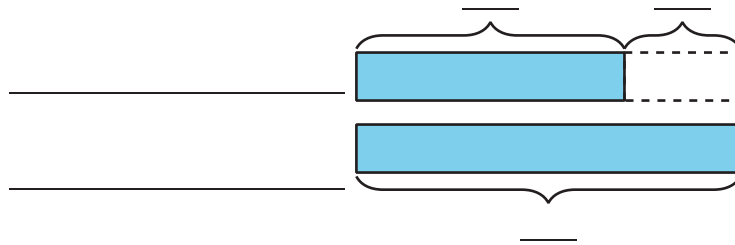


b. Find the unknown value.

4. Pre-unit

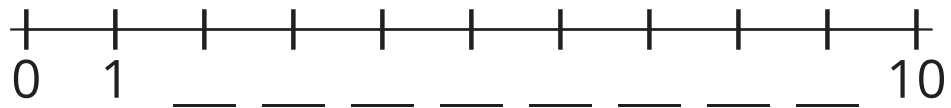
There are 37 frogs in the pond. There are 16 more goldfish than frogs in the pond.

a. Complete the diagram to match the story problem.



b. How many goldfish are there in the pond? Explain or show your reasoning.

5. a. Label each tick mark with the number it represents.



b. Locate 7 on the number line. Mark it with a point.

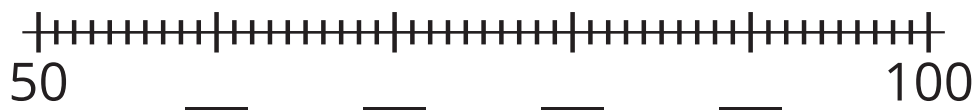
(From Unit 4, Lesson 1.)

6. Here is Mai's number line. How should she revise her number line?



(From Unit 4, Lesson 2.)

7. a. Count by 10 starting at 50 and ending at 100. Label each of the numbers in your count on the number line.



- b. Locate and label 78 on the number line.

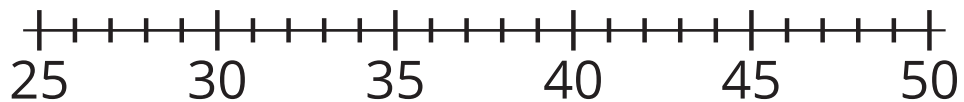
(From Unit 4, Lesson 3.)

8. Locate and label each pair of numbers on the number line. Then use $<$ or $>$ to compare the numbers.

a. 23 and 27



b. 34 and 43



(From Unit 4, Lesson 4.)

9. What number could this be? Explain your reasoning.



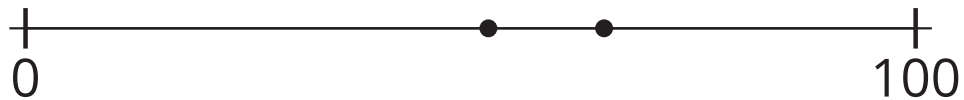
(From Unit 4, Lesson 5.)

10. Exploration

- a. Locate and label where you think 35 could be on the number line. Explain or show your reasoning.

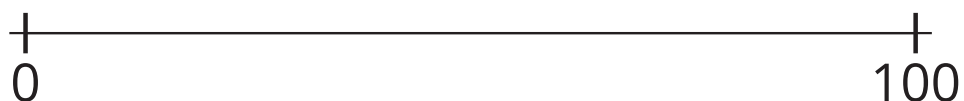


- b. Elena and Han located where they think 83 is.



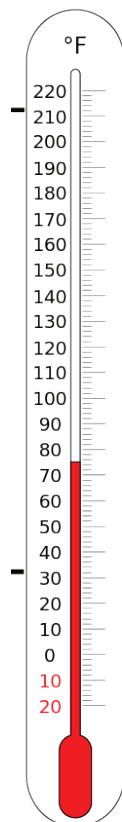
Why do you think they put their points at different locations on the number line?

Where do you think 83 is on the number line?



11. Exploration

a. Here is a picture of a thermometer.



How is the thermometer the same as a number line? How is it different?

b. Here is a picture of a rain gauge.



How is the rain gauge the same as a number line? How is it different?
