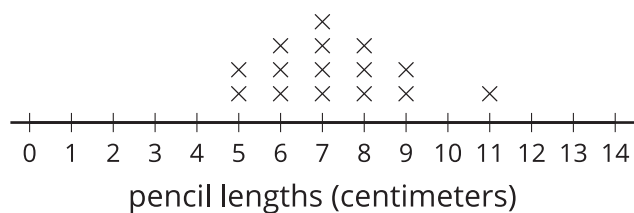


Section C: Practice Problems

1. The line plot shows the lengths of some pencils in centimeters.



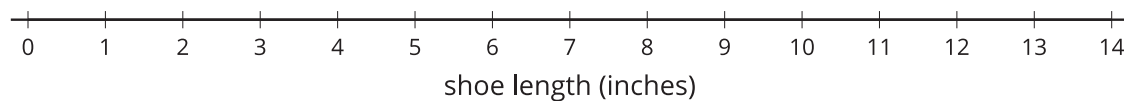
a. How long is the longest pencil? How long is the shortest?

b. What is the most common pencil length?

(From Unit 3, Lesson 14.)

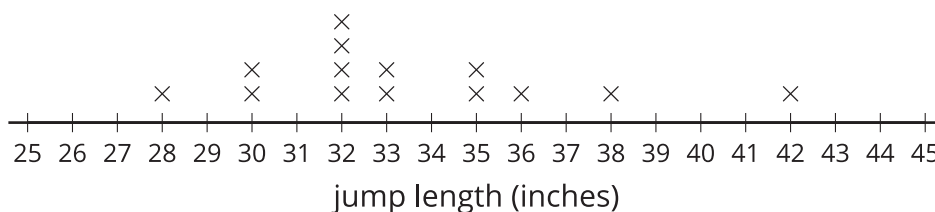
2. The table shows the lengths of different students' shoes in inches. Complete the line plot with the shoe length data.

Student	Shoe length in inches
Andre	7
Clare	7
Diego	8
Elena	8
Lin	6
Mai	7
Tyler	9



(From Unit 3, Lesson 15.)

3. The line plot shows the lengths some students jumped in inches.



a. What is the longest jump? What about the shortest?

b. How much longer is the longest jump than the shortest jump?

c. How many measurements are shown in the graph?

(From Unit 3, Lesson 16.)

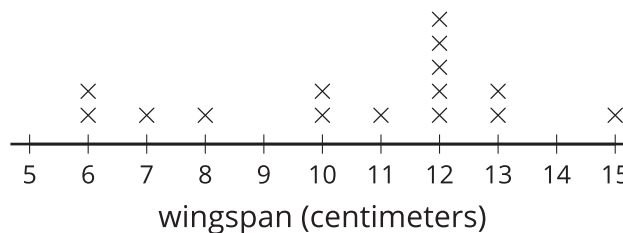
4. Exploration

Create and label a line plot for foot lengths so that all of these statements are true:

- a. There are 7 total foot lengths.
- b. The most common foot length measured was 6 inches.
- c. The difference between the longest foot and the shortest foot was 4 inches.

5. Exploration

Here are wingspans of some butterflies in Diego's collection.



Diego still has 2 more lengths to record. Which of these could change when Diego records these lengths? Explain your reasoning.

- a. The most common measurement
- b. The total number of measurements
- c. The longest measurement
- d. The shortest measurement
