Unit 3 Lesson 16: Interpret Measurement Data

WU Number Talk: Addition within 50 (Warm up)

Student Task Statement

Find the value of each expression mentally.

- $15 + 5 + 1$
- $25 + 6$
- $16 + 7$
- $37 + 6$

1 The Plant Project

Student Task Statement

Use the data in this table to create a line plot.

Group B	plant heights (centimeters)
Andre	33
Clare	25
Diego	27
Elena	25
Han	35
Jada	33
Kiran	26
Noah	30
Priya	26
Tyler	33

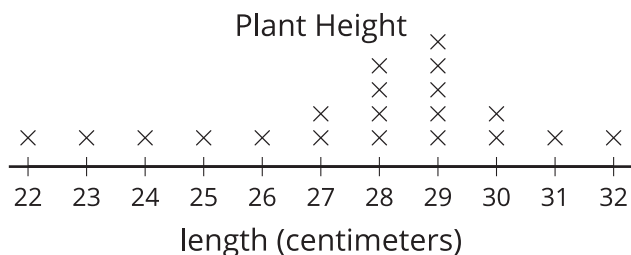## 2 Interpret Measurement Data on a Line Plot

Student Task Statement

The Plant Project

Answer the questions based on your line plot.

1. What was the shortest plant height?
2. What was the tallest plant height?
3. What is the difference between the height of the tallest plant and the shortest plant? Write an equation to show how you know.

Answer the questions based on Han's line plot.

Plant Height

length (centimeters)

4. Han looked at this line plot and said that the tallest plant was 29 centimeters. Do you agree with him? Why or why not?
5. How many plants were measured in all?
6. Write a statement based on Han's line plot.

Images for Activity Synthesis

Plant Height

```
                          ×
                  ×       ×
                  ×       ×
          ×       ×       ×
  ×  ×  ×  ×  ×  ×  ×  ×  ×  ×  ×
 ─┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼─
  22 23 24 25 26 27 28 29 30 31 32
          length (centimeters)
```