



# Create Line Plots

Let's represent data in line plots.

## Warm-up

### Number Talk: Subtraction within 50

Find the value of each expression mentally.

- $47 - 20$

- $47 - 24$

- $36 - 10$

- $36 - 15$



## Activity 1

### Measure and Plot Pencil Lengths

1. Measure the pencils. Use centimeters. Work with a partner. Check each other's measurements. Record each measurement in the table.

| pencil length (cm) |
|--------------------|
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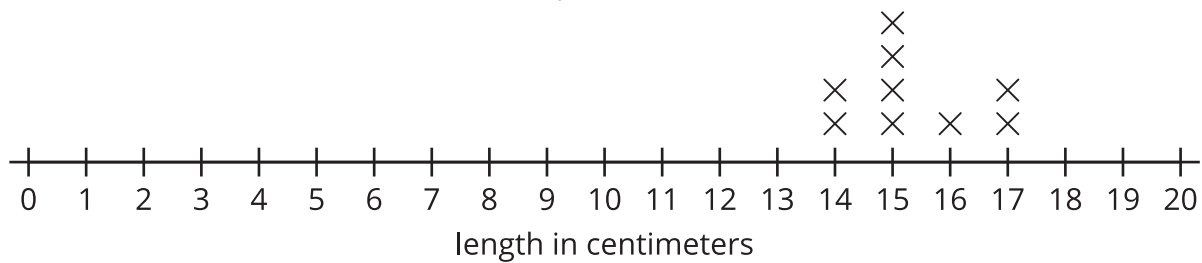
2. Create a line plot to represent the lengths of all the pencils in your group.



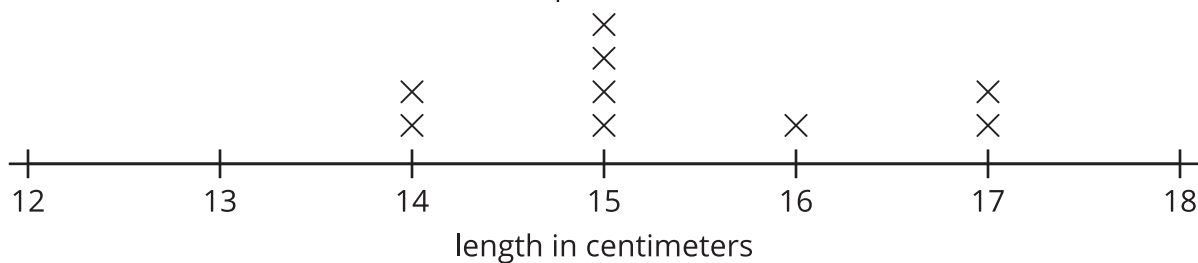
## Activity 2

### Plot Pencil Lengths

Group A's Pencils



Group B's Pencils





Use this data to create a line plot.

| Group C | pencil length (centimeters) |
|---------|-----------------------------|
| Andre   | 12                          |
| Clare   | 10                          |
| Diego   | 10                          |
| Elena   | 10                          |
| Han     | 13                          |
| Jada    | 12                          |
| Kiran   | 14                          |
| Noah    | 16                          |
| Priya   | 14                          |
| Tyler   | 13                          |

