


Creating Line Plots

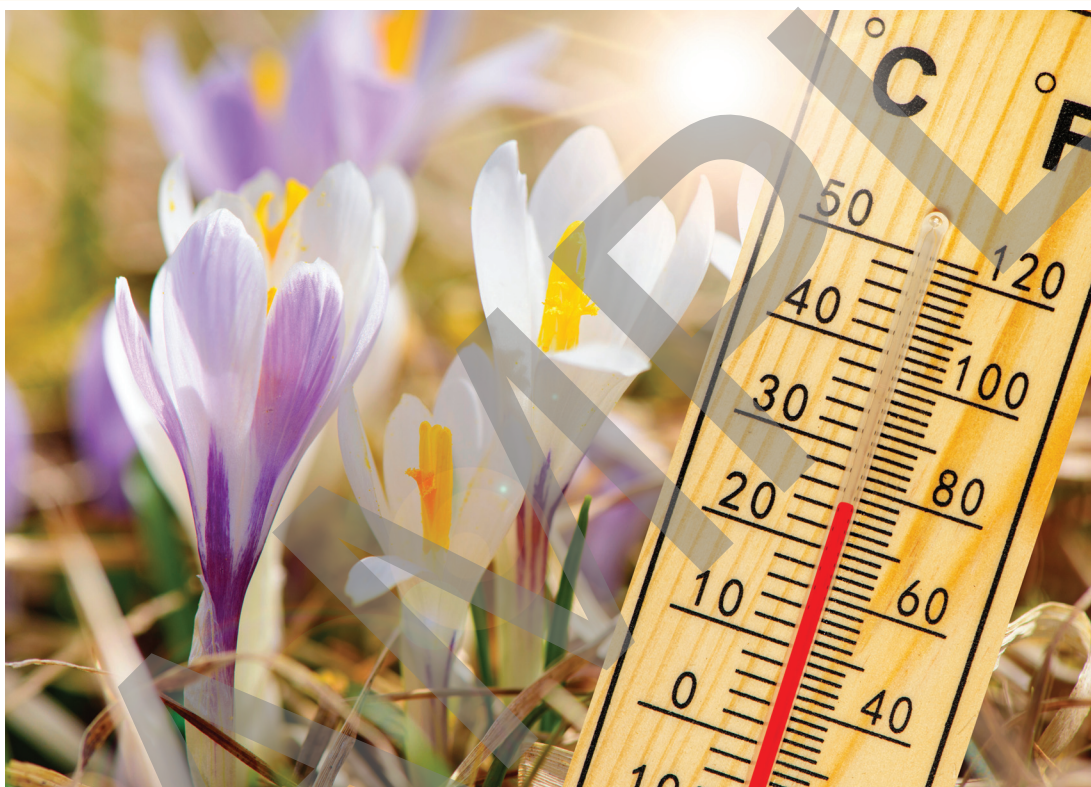
MATHEMATICS
LISTENING



LISTENING

Directions: In this part of the activity, you will listen to a passage. Then, you will answer questions about the passage. Fill in the circle next to the correct answer.

 **Audio Passage: "Louis and the Line Plot, Part 1"**



1. What data is Louis tracking?

- (A) The weather
- (B) Daily temperatures
- (C) Line plots
- (D) Thermometers

2. Which order shows what Louis did each day?

(A)



(B)



(C)



(D)



Directions: *In this part of the activity, you will listen to a passage. Then, you will answer questions about the passage. Fill in the circle next to the correct answer.*

**Audio Passage: "Louis and the Line Plot, Part 2"**

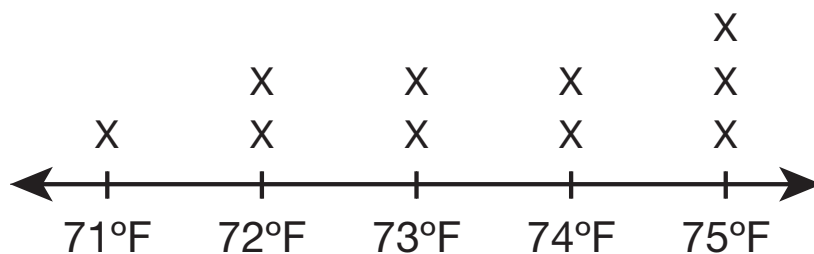
3. Which was the lowest temperature and the highest temperature Louis had recorded?
- Ⓐ The lowest was 71°F and the highest was 75°F.
 - Ⓑ The lowest was 72°F and the highest was 75°F.
 - Ⓒ The lowest was 75°F and the highest was 71°F.
 - Ⓓ The lowest was 71°F and the highest was 74°F.
4. Why did Louis put the temperatures in a frequency table?
- Ⓐ Because he decided to make a frequency table instead of a line plot
 - Ⓑ Because he needed to understand how often each temperature he recorded happened
 - Ⓒ Because he needed to move them out of his notebook
 - Ⓓ He did not have a reason for putting the temperatures in a frequency table.

Directions: *In this part of the activity, you will listen to a passage. Then, you will answer questions about the passage. Fill in the circle next to the correct answer.*

**Audio Passage: “Louis and the Line Plot, Part 3”**

5. What does it mean when “Louis made one mark for each value represented in the data set”?
- Ⓐ He drew an X for each of these temperatures: 71°F, 72°F, 72°F, 73°F, 73°F, 74°F, 75°F, 75°F, 75°F, and 75°F.
 - Ⓑ He made ten marks for each of these temperatures: 71°F, 72°F, 72°F, 73°F, 73°F, 74°F, 75°F, 75°F, 75°F, and 75°F.
 - Ⓒ He made one mark on the number line for each of these temperatures: 71°F, 72°F, 73°F, 74°F, and 75°F.
 - Ⓓ He drew an X above each of these temperatures: 71°F, 72°F, 73°F, 74°F, and 75°F.

6. Look at the line plot Louis created.



He thinks it looks great. Do you agree? Why or why not?

- Ⓐ Yes, he correctly drew an X for each time the temperature happened.
- Ⓑ Yes, he did not make any mistakes and it looks great.
- Ⓒ No, he has too many Xs above 75°F and he should move one above 71°F.
- Ⓓ No, he should move one X from above 74°F and put it above 75°F.