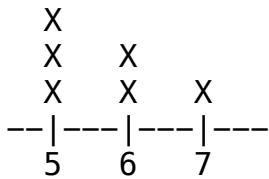


Pencil Length Project

We measured all the pencils in the classroom. Use the line plot to see the data!

Part 1: Reading the Line Plot

Pencil Lengths (in inches)



1. How many pencils are 6 inches long? _____
2. What is the most common pencil length? _____
3. How many pencils were measured in total? _____
4. What is the length of the longest pencil? _____
5. How many pencils are longer than 5 inches? _____

Part 2: Analyzing the Data

6. What is the difference in length between the longest and shortest pencil? _____

7. Are there more pencils 5 inches long or 7 inches long?

8. If you added a pencil that was 6 inches long, how many X's would be above 6? _____

9. How many pencils are 5 or 6 inches long? _____

10. What is the shortest pencil length measured? _____

Part 3: Create a Line Plot

Data: Students' shoe sizes: 3, 4, 4, 5, 3, 4, 6, 5, 4

11. How many X's above size 3? _____

12. How many X's above size 4? _____

13. How many X's above size 5? _____

14. How many X's above size 6? _____

15. What is the most common shoe size? _____

Answer Key

1. 2 | 2. 5 inches | 3. 6 | 4. 7 inches | 5. 3 | 6. 2 inches | 7. 5 inches long | 8. 3 | 9. 5 | 10. 5 inches | 11. 2 | 12. 4 | 13. 2 | 14. 1 | 15. 4