

Palm Variation: Central School

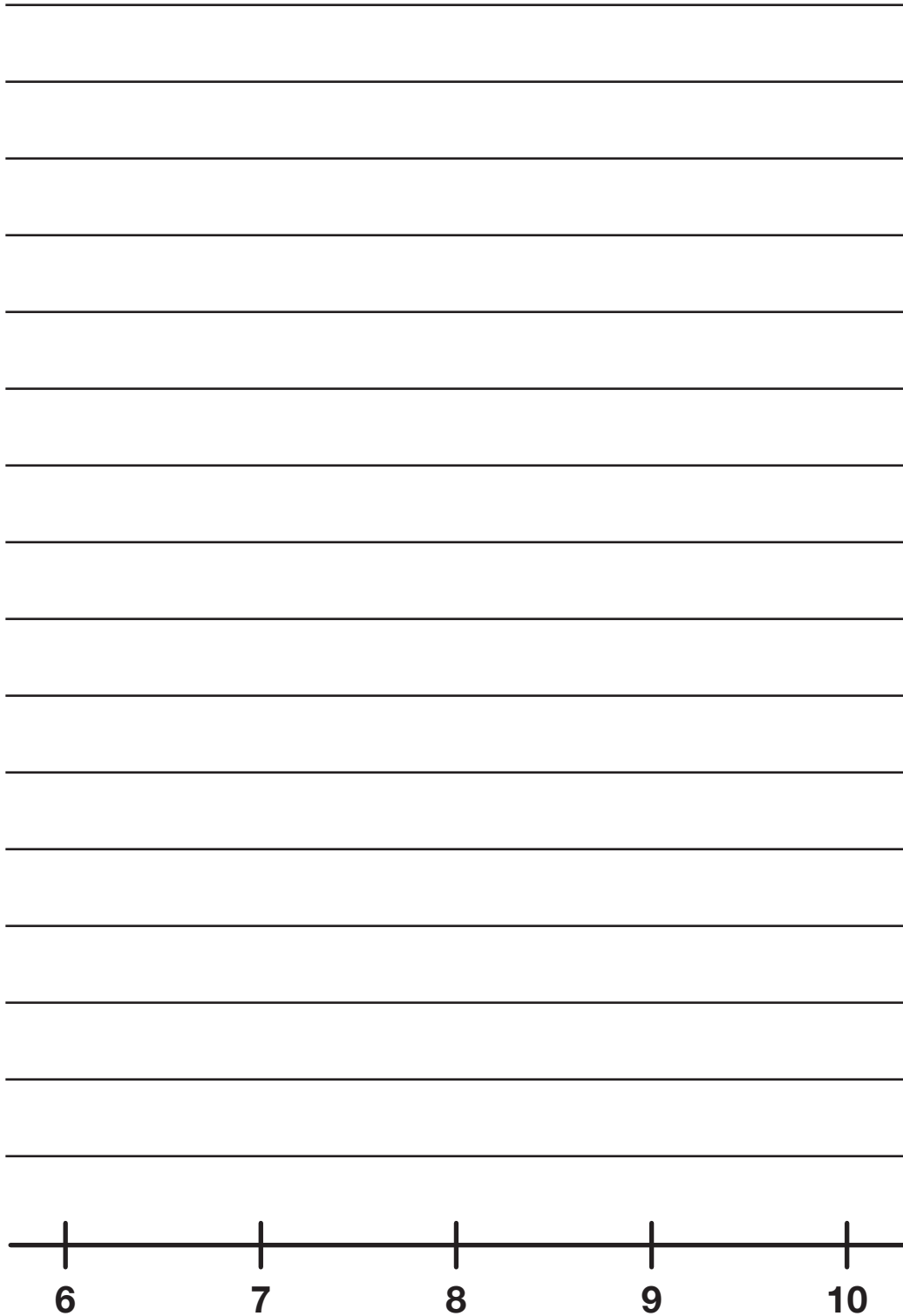
Mrs. Cook's class measured palms of teachers and students from different grades at Central School. The data is organized in the table.

Palm Variation: Central School

Name	Palm in Centimeters
Lily	8
Ben	7
Molly	6
Lia	6
Ella	7
Evan	7
Mrs. Cook	9
Mr. Reynolds	10
Kristen	8
Sara	8
Tanya	8
Max	8
Cassidy	6
Joseph	8
Ryan	7
Aiden	7
Jose	8
Tim	10
Daniel	9
Julian	8

1. Organize the data in the table into a line plot.

Palms in Centimeters: Central School



Look at the data table and line plot of palm sizes at Central School. Show how you solved the problem. Remember to label the units.

2. Compare the number of people with 7 cm palms to the number of people with 8 cm palms. How many more have palms that are 8 cm?

Number sentence _____

3. How many people have palms that are 8 cm, 9 cm, or 10 cm?

Number sentence _____

4. How many people gave Mrs. Cook data?

Number sentence _____

Mrs. Cook collects data from more people at Central School. Write a number sentence to show how you solved the problem. Remember to label the units.

5. Now Mrs. Cook has data from 30 people. How many more people gave her data?

Number sentence _____

6. Now twelve people have palms that are 8 cm. How many more people were added to this group?

Number sentence _____

Name _____ Date _____

7. Mrs. Cook noticed that the number of people with palms that are 7 cm doubled. How many people have palms that are 7 cm?

Number sentence _____

8. Which palm size is the most common? _____

9. If you needed to choose a standard size for a palm, how many centimeters would it be? _____

Why? _____

10. Nila says that a standard palm should be 7 cm. Do you agree with Nila? Why or why not?

Palm Variation: Central School Feedback Box	Expectation	Check In	Comments
Make a line plot to find information about a data set. [Q# 1]	E8		
Read a table or line plot to find information about a data set. [Q# 2–8]	E9		
Use a table and line plot to solve problems about a data set. [Q# 2–10]	E10		
Use labels. I use labels to show what numbers mean. [Q# 2–8]	MPE6		

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