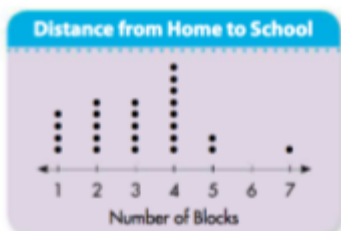


Lesson 12- 1: Analyze Line Plot Solve and Share

Content Standard: 5.MD.B.2.

I Can Statement: I can read a line plot.

Several students were asked how many blocks they walk from home to school each day. The results are shown in the line plot below. How many students were asked the question?



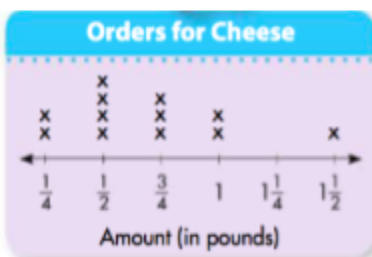
Lesson 12- 1: Independent Practice

For questions 1-3 use the line plot to answer the questions.

1. How many orders for cheese does the line plot show?

2. Which amount of cheese was ordered the most?

3. How many more orders for cheese were for $\frac{3}{4}$ pounds or less than for 1 pound or more?



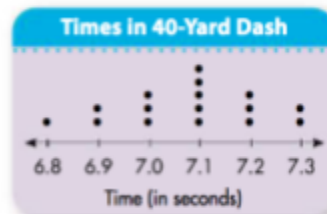
For questions 4 and 5 use the data set and line plot to answer the questions.

4. Mr. Rice's students ran a 40- yard dash in the times listed to the right. How many race times have been recorded.

Data Set

6.8 7.3 7.1 7.0 7.2 7.3 7.0 6.9
6.9 7.1 7.1 7.2 7.1 7.0 7.1 7.2

5. Using the line plot, which time was recorded the most often?



Lesson 12- 2: Analyze Line Plot Solve and Share

Content Standard: 5.MD.B.2.

I Can Statement: I can display data in a line plot.

A fifth-grade class recorded the height of each student. Organize the data into some type of graph, chart, or table.

Student Heights (in)

55, 52, 50.5, 50.5, 55, 50.5,
50, 55, 50.5, 55, 58.5, 60, 52,
50.5, 50.5, 50, 55, 58.5, 60

Lesson 12- 1: Independent Practice

For questions 1-4 use the data to create a line plot.

1. $\frac{1}{2}, \frac{3}{4}, \frac{3}{4}, 1, 1, 0, \frac{1}{2}, \frac{1}{2}, \frac{3}{4}$

2. $5\frac{1}{2}, 5, 5, 5\frac{1}{8}, 5\frac{3}{4}, 5\frac{1}{4}, 5\frac{1}{2}, 5\frac{1}{8}, 5\frac{1}{2}, 5\frac{3}{8}$

3. $1\frac{1}{8}, 2, 1\frac{1}{2}, 1\frac{1}{4}, 1\frac{1}{8}, 1, 2, 1\frac{1}{2}, 1\frac{1}{4}$

4. $11\frac{1}{4}, 12\frac{1}{2}, 11\frac{1}{4}, 14\frac{3}{4}, 10\frac{1}{2}, 11\frac{1}{4}, 12$

5. Draw a Line Plot to represent the data.

DATA	Weights of Pumpkins	Tally	Frequency
	$3\frac{1}{2}$ lb		2
	$5\frac{1}{4}$ lb		3
	7 lb		4
	$8\frac{1}{2}$ lb		1

Lesson 12-3: Solve Word Problems Using Measurement Data Solve and Share

Content Standard: 5.MD.B.2.

I Can Statement: I can solve problems using data in a line plot.

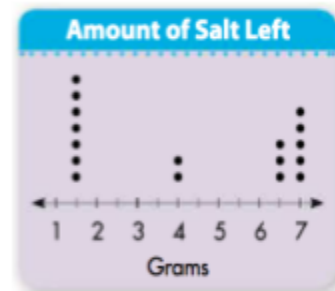
Rainfall for the Amazon was measured and recorded for 30 days. The results were displayed in a line plot. What can you tell about the differences in the amounts of rainfall. Use the line plot to solve this problem.



Lesson 12- 3: Independent Practice

For questions 1-3 use the line plot showing how many grams of salt were left after liquids in various containers evaporated.

1. Write a problem that can be answered using the line plot.
2. How could you find the difference between the greatest amount and the least amount of salt left.
3. How many grams of salt would be left if two of each container were used?



For questions 4 and 5 use the line plot Allie made to show the lengths of strings she cut for her art project.

4. Write an equation for the total amount of string.
5. What is the difference in the length between the longest and the shortest lengths of string?

