

G2-M7-Lesson 24

Use the data in the table to create a line plot and answer the questions.

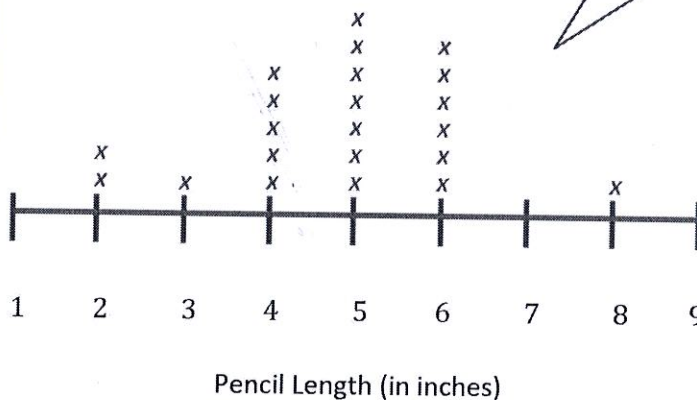
Pencil Length (in inches)	Number of Pencils
2	2
3	1
4	4
5	6
6	4
7	0
8	1

First, I look at the data and count how many pencils there are for each length.

Next, I make a number line. I include all the numbers between the shortest and longest lengths, even though no pencils measured 7 inches. All of my intervals must be equal.

Then I put one X for each pencil. There is 1 pencil with a length of 3 inches, so I put only 1 X above the 3.

Length of Pencils in Mr. Murray's Class



Describe the pattern you see in the line plot.

The most common pencil length is 5 inches, but 4 inches and 6 inches are also common.

Most of the X's are in the middle of the line plot.

Create your own comparison question related to the data.

How many fewer pencils have a length of 4 inches than a length of 5 inches?