

12 Line Plot with Fractions



Start

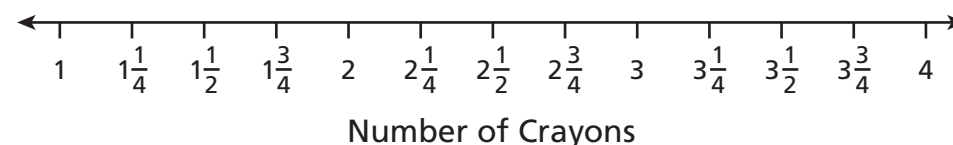
Choose 25 crayons from a container of old crayons. Make sure you get crayons of different lengths. Measure each crayon to the nearest $\frac{1}{4}$ inch.

Record the data in the tally chart below and then make a frequency table.

Crayon Length in Inches	
Length	Number of Crayons
1	
$1\frac{1}{4}$	
$1\frac{1}{2}$	
$1\frac{3}{4}$	
2	
$2\frac{1}{4}$	
$2\frac{1}{2}$	
$2\frac{3}{4}$	

Crayon Length in Inches	
Length	Number of Crayons
3	
$3\frac{1}{4}$	
$3\frac{1}{2}$	
$3\frac{3}{4}$	
4	

Copy the line plot below. Use the data in your table to complete the line plot.



Math Talk Which length occurred the most often? What measurement represents the least value on the line plot? How would you describe the shape of the line plot?