Making Line Plots

1. Which statement best describes the heights of the giraffes shown in the line plot?

Giraffe Heights (in feet)

```
              X
  X           X           X
  X           X    X      X
  ←——+————+————+————+————→
    15   16   17   18
```
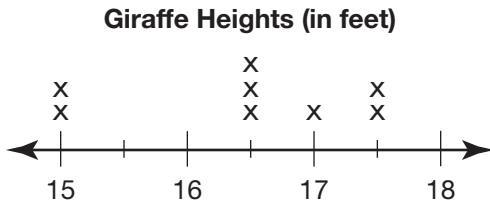
A The shortest giraffe is $16\frac{1}{4}$ feet tall.

B The tallest giraffe is $17\frac{1}{2}$ feet tall.

C Most of the giraffes are 17 feet tall.

D There are four giraffes in the data set.

3. Draw a line plot to represent the data in the table.

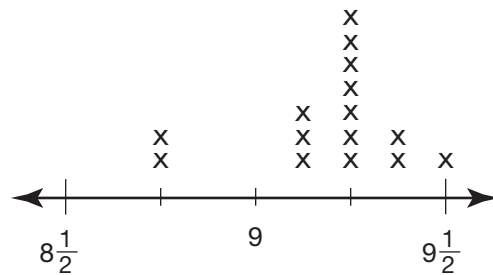| Value	Tally	Frequency
$5\frac{1}{4}$	|||	3
$6\frac{3}{4}$	||	2
$7\frac{1}{8}$	⅂⁄⁄⁄⁄	5
$7\frac{1}{2}$	||	2
$8\frac{1}{4}$	||	2

2. Marietta purchased 15 cucumbers to make pickles. The lengths of the cucumbers in inches are shown in the chart. Draw a line plot to show the lengths of the cucumbers.

$3\frac{1}{2}$	3	$3\frac{1}{4}$	$3\frac{1}{4}$	$3\frac{1}{2}$
$3\frac{3}{4}$	$3\frac{1}{2}$	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$
$3\frac{1}{4}$	$3\frac{1}{2}$	3	$3\frac{1}{4}$	$3\frac{1}{4}$

4. Write a frequency chart that matches the data in the line plot.

```
                    X
                    X
                    X
                    X
               X    X
          X    X    X    X
          X    X    X    X    X
     ←——+————+————+————+————→
        8½        9        9½
```

5. Writing to Explain Write a description of the data in the line plot.

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