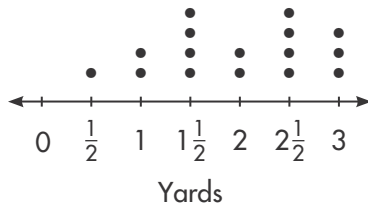


Name _____

1. What is the difference between the longest and shortest ribbons? **1 point**

Marti's Craft Ribbon



$2\frac{1}{2}$ yards

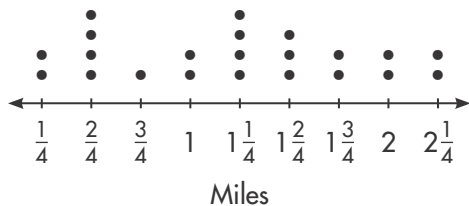
2. How many dots would be placed above $2\frac{1}{2}$ in a line plot of these data? **1 point**

Glasses of Water				
$1\frac{1}{2}$	$2\frac{1}{2}$	$1\frac{3}{4}$	2	$1\frac{3}{4}$
$2\frac{1}{4}$	3	$1\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$
$1\frac{3}{4}$	2	$3\frac{1}{2}$	$1\frac{1}{4}$	$2\frac{1}{4}$

- (A) 3 dots
- (B) 2 dots**
- (C) 1 dot
- (D) 0 dots

3. Which is the least common distance from home to school? **1 point**

Distances from Home to School

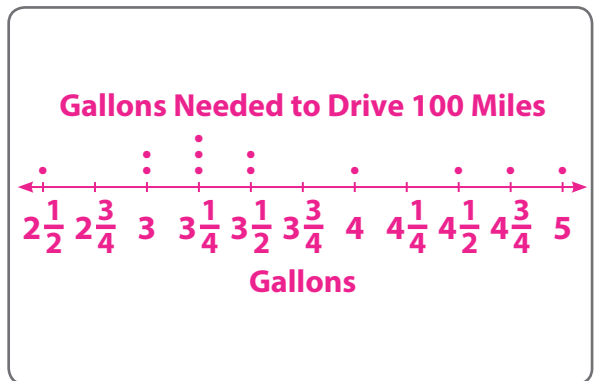


$\frac{3}{4}$ mile

4. In a gas mileage study for cars, the number of gallons of gasoline 12 cars used to travel 100 miles was recorded in the table below.

Gallons Needed to Drive 100 Miles			
3	$3\frac{1}{2}$	5	$3\frac{1}{4}$
$3\frac{1}{2}$	3	$4\frac{1}{2}$	$2\frac{1}{2}$
$3\frac{1}{4}$	4	$4\frac{3}{4}$	$3\frac{1}{4}$

- A. Use the data in the table to draw a line plot. **1 point**



- B. How many fewer gallons did the car that used the least number of gallons use than the car that used the greatest number of gallons? Explain. **2 points**

$2\frac{1}{2}$ gallons; Sample answer: $5 - 2\frac{1}{2} = 2\frac{1}{2}$

5. Use the line plot below. Select all the true statements. **1 point**

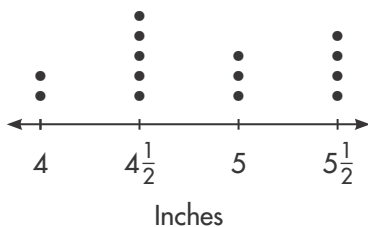
Lengths of Fish in an Aquarium



- The shortest fish is 3 inches.
- More fish have a length of $2\frac{3}{4}$ inches than $3\frac{1}{4}$ inches.
- There are fewer fish less than 3 inches long than fish greater than 3 inches long.
- The longest fish is 1 inch longer than the shortest fish.
- There are 4 fish with a length of $3\frac{1}{4}$ inches.

6. Miss Long's class measured their pencils, and the students recorded the lengths. How many pencils did they measure? Use the line plot. **1 point**

Lengths of Students Pencils



14

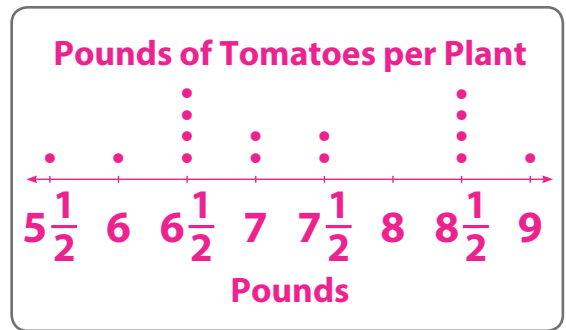
7. Use the line plot from Exercise 6. How many students measured pencils that were less than 5 inches? **1 point**

- (A) 10
- (C) 7
- (B) 5
- (D) 12

8. Terri recorded the pounds of tomatoes produced by each of her 15 plants.

Pounds of Tomatoes per Plant				
7	$5\frac{1}{2}$	6	$6\frac{1}{2}$	$6\frac{1}{2}$
$8\frac{1}{2}$	9	$6\frac{1}{2}$	$7\frac{1}{2}$	$8\frac{1}{2}$
$8\frac{1}{2}$	7	$7\frac{1}{2}$	$8\frac{1}{2}$	$6\frac{1}{2}$

- A. Use the data in the table to draw a line plot. **1 point**



- B. Select all of the statements that are true. **1 point**

- The greatest number of pounds is $4\frac{1}{2}$ pounds more than the least number of pounds
- More than half the plants produced at least 7 pounds of tomatoes.
- The greatest weight of tomatoes per plant is 6 pounds.
- The greatest weight of tomatoes per plant is 9 pounds.
- The least weight of tomatoes per plant is 6 pounds.