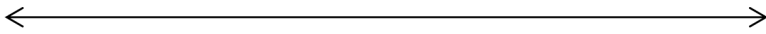


Name \_\_\_\_\_

Date \_\_\_\_\_

A meteorologist set up rain gauges at various locations around a city and recorded the rainfall amounts in the table below. Use the data in the table to create a line plot using  $\frac{1}{8}$  inches.



- a. Which location received the most rainfall?
- b. Which location received the least rainfall?
- c. Which rainfall measurement was the most frequent?
- d. What is the total rainfall in inches?

Location	Rainfall Amount (inches)
1	$\frac{1}{8}$
2	$\frac{3}{8}$
3	$\frac{3}{4}$
4	$\frac{3}{4}$
5	$\frac{1}{4}$
6	$1\frac{1}{4}$
7	$\frac{1}{8}$
8	$\frac{1}{4}$
9	1
10	$\frac{1}{8}$

## Answer Key

1. Line plot drawn correctly.
  - a. Location 6
  - b. Locations 1, 7, and 10
  - c.  $\frac{1}{8}$  in
  - d. 5 in