



# Probability and Statistics

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 5

## Part A: Multiple Choice

Circle the best answer for each question.

1. House prices: 200k, 210k, 215k, 220k, 900k.  
Which measure best summarizes a typical price?

- A) Median
- B) Mean
- C) Mode
- D) Range

2. Shoe sizes sold today: 7, 8, 8, 9, 10. Which measure best helps the store restock?

- A) Range
- B) Mode
- C) Median
- D) Mean

3. Weekly rainfall (in): 0.5, 0.6, 0.5, 0.7, 0.6.  
Predict next week's rainfall.

- A) About 0.1 in
- B) About 1.5 in
- C) About 0.6 in
- D) About 3.0 in

4. A line plot has Xs at  $\frac{1}{4}$  (2),  $\frac{1}{2}$  (3),  $\frac{3}{4}$  (1).  
Which length appears MOST?

- A)  $\frac{1}{4}$
- B)  $\frac{3}{4}$
- C) 1
- D)  $\frac{1}{2}$

## Part B: Fill in the Blank

Write the correct answer on each line.

1. Median of 200, 210, 215, 220, 900 (in thousands) is \_\_\_\_\_ thousand.
2. The mean of 0.5, 0.6, 0.5, 0.7, 0.6 inches is \_\_\_\_\_.
3. On a line plot with Xs at  $\frac{1}{4}$  (2),  $\frac{1}{2}$  (3),  $\frac{3}{4}$  (1), total Xs = \_\_\_\_\_.
4. Line plot total length:  $\frac{1}{4}$  ft x 2 +  $\frac{1}{2}$  ft x 2 +  $\frac{3}{4}$  ft x 2 = \_\_\_\_\_ feet.
5. Mode of shoe sizes 7, 8, 8, 9, 10 is \_\_\_\_\_.

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1. House prices: 200k, 210k, 215k, 220k, 900k.  
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- C) 1
- D)  $\frac{1}{2}$

**Part B: Fill in the Blank**

Write the correct answer on each line.

1. Median of 200, 210, 215, 220, 900 (in thousands) is 215 thousand.
2. The mean of 0.5, 0.6, 0.5, 0.7, 0.6 inches is 0.58.
3. On a line plot with Xs at  $\frac{1}{4}$  (2),  $\frac{1}{2}$  (3),  $\frac{3}{4}$  (1), total Xs = 6.
4. Line plot total length:  $\frac{1}{4}$  ft x 2 +  $\frac{1}{2}$  ft x 2 +  $\frac{3}{4}$  ft x 2 = 3 feet.
5. Mode of shoe sizes 7, 8, 8, 9, 10 is 8.