



Line Plots

Name: _____

Date: _____

Grade: Grade 5

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence:

A line plot shows marble weights in ounces: $\frac{1}{4} \rightarrow 3$ Xs, $\frac{1}{2} \rightarrow 4$ Xs, $\frac{3}{4} \rightarrow 5$ Xs, $1 \rightarrow 2$ Xs. A student says the median weight is $\frac{3}{4}$ ounce because it has the most X marks.

Rewrite: _____

2. Fix the sentence:

A line plot shows bead sizes in centimeters: $\frac{1}{8} \rightarrow 6$ Xs, $\frac{2}{8} \rightarrow 3$ Xs, $\frac{3}{8} \rightarrow 2$ Xs, $\frac{4}{8} \rightarrow 5$ Xs. A student says the total number of beads is 4 because there are 4 sizes shown.

Rewrite: _____

3. Fix the sentence:

A line plot shows liquid in bottles (liters): $\frac{1}{4} \rightarrow 2$ Xs, $\frac{1}{2} \rightarrow 7$ Xs, $\frac{3}{4} \rightarrow 3$ Xs. A student says the least common amount is $\frac{1}{4}$ liter because $\frac{1}{4}$ is the smallest fraction.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- A line plot shows walking times in hours: $\frac{1}{4} \rightarrow 6$ Xs, $\frac{1}{2} \rightarrow 3$ Xs, $\frac{3}{4} \rightarrow 5$ Xs, $1 \rightarrow 1$ X. The mode of the data is _____.
- Using the walking time data, the number of people who walked $\frac{3}{4}$ hour or longer is _____.
- A line plot shows fabric lengths in yards: $\frac{3}{8} \rightarrow 4$ Xs, $\frac{4}{8} \rightarrow 2$ Xs, $\frac{5}{8} \rightarrow 5$ Xs, $\frac{6}{8} \rightarrow 3$ Xs. The value that appears the least often is _____.
- Using the fabric data, how many more pieces measured $\frac{5}{8}$ yard than $\frac{3}{8}$ yard? Answer: _____.

Part C: Short Answer

Answer each question in one or two complete sentences.

Answer Key • Line Plots • Grade: Grade 5

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Write the missing word or number on each line.

1. A line plot shows walking times in hours: $\frac{1}{4} \rightarrow 6$ Xs, $\frac{1}{2} \rightarrow 3$ Xs, $\frac{3}{4} \rightarrow 5$ Xs, $1 \rightarrow 1$ X. The mode of the data is $\frac{1}{4}$ _____.
2. Using the walking time data, the number of people who walked $\frac{3}{4}$ hour or longer is **6** _____.
3. A line plot shows fabric lengths in yards: $\frac{3}{8} \rightarrow 4$ Xs, $\frac{4}{8} \rightarrow 2$ Xs, $\frac{5}{8} \rightarrow 5$ Xs, $\frac{6}{8} \rightarrow 3$ Xs. The value that appears the least often is $\frac{4}{8}$ _____.
4. Using the fabric data, how many more pieces measured $\frac{5}{8}$ yard than $\frac{3}{8}$ yard? Answer: **1** _____.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. A line plot shows rainfall in inches: $\frac{1}{8} \rightarrow 3$ Xs, $\frac{2}{8} \rightarrow 5$ Xs, $\frac{3}{8} \rightarrow 4$ Xs, $\frac{4}{8} \rightarrow 2$ Xs. How many days had