



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 pencil lengths in inches: $\frac{3}{8} \rightarrow 2$ Xs, $\frac{4}{8} \rightarrow 5$ Xs, $\frac{5}{8} \rightarrow 3$ Xs, $\frac{6}{8} \rightarrow 4$ Xs. A student says the range is $\frac{6}{8}$ inch.

Rewrite: _____

2. Fix the sentence:

A line plot shows seed weights in grams: $\frac{1}{4} \rightarrow 4$ Xs, $\frac{2}{4} \rightarrow 3$ Xs, $\frac{3}{4} \rightarrow 6$ Xs. A student says 6 seeds weigh less than $\frac{3}{4}$ gram.

Rewrite: _____

3. Fix the sentence:

A line plot shows clay weights in pounds: $\frac{1}{8} \rightarrow 3$ Xs, $\frac{2}{8} \rightarrow 5$ Xs, $\frac{3}{8} \rightarrow 1$ X, $\frac{4}{8} \rightarrow 4$ Xs. A student says there are 4 different values and 4 data points.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A line plot shows string lengths in feet: $\frac{1}{4} \rightarrow 5$ Xs, $\frac{2}{4} \rightarrow 2$ Xs, $\frac{3}{4} \rightarrow 4$ Xs, $1 \rightarrow 3$ Xs. The value with the most X marks is _____.
2. Using the string data, the total number of strings measured is _____.
3. A line plot shows sugar in cups: $\frac{1}{8} \rightarrow 4$ Xs, $\frac{2}{8} \rightarrow 2$ Xs, $\frac{3}{8} \rightarrow 6$ Xs, $\frac{4}{8} \rightarrow 3$ Xs. The number of recipes that use $\frac{3}{8}$ cup or more is _____.
4. Using the sugar data, the difference between the number of recipes using $\frac{3}{8}$ cup and the number using $\frac{2}{8}$ cup is _____.

Part C: Short Answer

Answer Key • Line Plots • Grade: Grade 5

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3. Fix the sentence:

A line plot shows clay weights in pounds: $\frac{1}{8} \rightarrow 3$ Xs, $\frac{2}{8} \rightarrow 5$ Xs, $\frac{3}{8} \rightarrow 1$ X, $\frac{4}{8} \rightarrow 4$ Xs. A student says there are 4 different values and 4 data points.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A line plot shows string lengths in feet: $\frac{1}{4} \rightarrow 5$ Xs, $\frac{2}{4} \rightarrow 2$ Xs, $\frac{3}{4} \rightarrow 4$ Xs, $1 \rightarrow 3$ Xs. The value with the most X marks is $\frac{1}{4}$.
2. Using the string data, the total number of strings measured is 14.
3. A line plot shows sugar in cups: $\frac{1}{8} \rightarrow 4$ Xs, $\frac{2}{8} \rightarrow 2$ Xs, $\frac{3}{8} \rightarrow 6$ Xs, $\frac{4}{8} \rightarrow 3$ Xs. The number of recipes that use $\frac{3}{8}$ cup or more is 9.
4. Using the sugar data, the difference between the number of recipes using $\frac{3}{8}$ cup and the number using $\frac{2}{8}$ cup is 4.

Part C: Short Answer

Answer each question in one or two complete sentences.