



Line Plots

Name: _____

Date: _____

Grade: Grade 3

Part A: Multiple Choice

Circle the best answer for each question.

1. A Grade 3 line plot of pencil lengths shows 2 Xs above 3 in, 3 above 3.5 in, 1 above 4 in. How many pencils in all?

- A) 5 pencils
- B) 6 pencils
- C) 7 pencils
- D) 8 pencils

2. On a Grade 3 line plot of leaf widths, 4 Xs are above 2.5 cm and 1 X is above 2 cm. How many more leaves are 2.5 cm than 2 cm?

- A) 2 more
- B) 3 more
- C) 4 more
- D) 5 more

3. A Grade 3 line plot of crayon lengths uses Xs at 3, 3.5, 4, and 4.5 in. The mode is the value with the tallest stack. Which scale step is used between marks?

- A) 1 inch
- B) Half inch
- C) Quarter inch
- D) Two inches

4. A Grade 3 line plot uses values from 4 in to 5.5 in. What is the range of measurements shown?

- A) 1 in
- B) 1.5 in
- C) 2 in
- D) 0.5 in

Part B: Fill in the Blank

Write the correct answer on each line.

1. A Grade 3 line plot uses inches from 2 in to 4 in by halves. The scale shows 2, 2.5, 3, 3.5, _____ inches.

2. If a Grade 3 line plot has 2 Xs at 3 in, 4 Xs at 3.5 in, and 2 Xs at 4 in, the mode is _____ inches.

3. A Grade 3 line plot of ribbons shows 5 Xs above 4.5 in. So _____ ribbons are 4.5 inches long.

4. Tom measured pencils: 3, 3.5, 3.5, 4. To plot, he draws _____ X above 3.5 in on his Grade 3 line plot.

5. A Grade 3 line plot has 1 X each at 2, 2.5, 3, and 3.5 in. The total ribbons measured is _____.

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Part B: Fill in the Blank

Write the correct answer on each line.

1. A Grade 3 line plot uses inches from 2 in to 4 in by halves. The scale shows 2, 2.5, 3, 3.5, 4 inches.

2. If a Grade 3 line plot has 2 Xs at 3 in, 4 Xs at 3.5 in, and 2 Xs at 4 in, the mode is 3.5 inches.

3. A Grade 3 line plot of ribbons shows 5 Xs above 4.5 in. So 5 ribbons are 4.5 inches long.

4. Tom measured pencils: 3, 3.5, 3.5, 4. To plot, he draws 2 X above 3.5 in on his Grade 3 line plot.

5. A Grade 3 line plot has 1 X each at 2, 2.5, 3, and 3.5 in. The total ribbons measured is 4.