



Line Plots

Name: _____

Date: _____

Grade: Grade 3

Part A: Multiple Choice

Circle the best answer for each question.

1. A Grade 3 student lists shoe lengths: 7, 7.5, 7.5, 8, 8, 8. After plotting, which value is the mode?

- A) 7
- B) 7.5
- C) 8
- D) 8.5

2. A Grade 3 line plot uses 0.5-inch steps from 5 in to 7 in. How many labeled marks are on the scale?

- A) 3 marks
- B) 4 marks
- C) 5 marks
- D) 6 marks

3. A Grade 3 line plot of bean plant heights shows 3 Xs at 4 in, 5 Xs at 4.5 in, 2 Xs at 5 in. How many plants in total?

- A) 8 plants
- B) 9 plants
- C) 10 plants
- D) 11 plants

4. On a Grade 3 line plot of pencils from 3 in to 6 in, what is the range of pencil lengths?

- A) 1 in
- B) 2 in
- C) 3 in
- D) 4 in

Part B: Fill in the Blank

Write the correct answer on each line.

1. Sam measured worms: 2.5, 3, 3, 3.5. He puts _____ Xs above 3 inches on his Grade 3 line plot.
2. A Grade 3 line plot of crayons has 4 Xs above 3 in and 6 Xs above 3.5 in, so _____ crayons total so far.
3. A Grade 3 line plot has Xs above 2, 2.5, 3, and 3.5 in. The smallest value, 2 in, is the _____ of the range.
4. If a Grade 3 line plot shows 6 total Xs and one column with 6 Xs, then only _____ value was measured.
5. A Grade 3 line plot has 3 Xs at 5 in, 1 X at 5.5 in, 4 Xs at 6 in. The most common length is _____ inches.

Part A: Multiple Choice

Circle the best answer for each question.

1. A Grade 3 student lists shoe lengths: 7, 7.5, 7.5, 8, 8, 8. After plotting, which value is the mode?

- A) 7
- B) 7.5
- C) 8
- D) 8.5

2. A Grade 3 line plot uses 0.5-inch steps from 5 in to 7 in. How many labeled marks are on the scale?

- A) 3 marks
- B) 4 marks
- C) 5 marks
- D) 6 marks

3. A Grade 3 line plot of bean plant heights shows 3 Xs at 4 in, 5 Xs at 4.5 in, 2 Xs at 5 in. How many plants in total?

- A) 8 plants
- B) 9 plants
- C) 10 plants
- D) 11 plants

4. On a Grade 3 line plot of pencils from 3 in to 6 in, what is the range of pencil lengths?

- A) 1 in
- B) 2 in
- C) 3 in
- D) 4 in

Part B: Fill in the Blank

Write the correct answer on each line.

1. Sam measured worms: 2.5, 3, 3, 3.5. He puts 2 Xs above 3 inches on his Grade 3 line plot.
2. A Grade 3 line plot of crayons has 4 Xs above 3 in and 6 Xs above 3.5 in, so 10 crayons total so far.
3. A Grade 3 line plot has Xs above 2, 2.5, 3, and 3.5 in. The smallest value, 2 in, is the low of the range.
4. If a Grade 3 line plot shows 6 total Xs and one column with 6 Xs, then only 1 value was measured.
5. A Grade 3 line plot has 3 Xs at 5 in, 1 X at 5.5 in, 4 Xs at 6 in. The most common length is 6 inches.