Describing Data in Histograms and Line Plots

FLORIDA GRADE 6 MATH | B.E.S.T. BENCHMARK MA.6.DP.1.4 | STUDENT WORKSHEET

Name: _____ **Date:** _____

Directions: Solve each problem. Show your work in the space provided.

1. A line plot shows values at 1, 2, 2, 3, 3, 3, 4, 4, 5. Is it symmetric or skewed?

2. A histogram's bars are tall on the right and trail off in a long tail to the left. Describe its shape.

3. Data: 15, 16, 16, 17, 18, 45. Which value is an outlier?

4. A line plot has X's at 2, 3, 3, 4 and at 9, 10, 10. Describe what you see.

5. What is the range of the data in problem 3?

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Answer Key

1. Symmetric

The values on each side of 3 mirror each other.

2. Skewed left

3. 45

4. Two clusters with a gap from 5 to 8

5. 30

45 − 15 = 30

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