

Name _____

Date _____

Create And Interpret Histograms

G6

Histograms display data in bars to show how often values occur. They help us understand patterns, compare groups, and interpret information visually, making it easier to analyze and solve real-world problems using data.

- Q1** Which of the following describes a histogram?
- A. A bar graph with gaps between bars
B. A graph that displays frequency using contiguous bars
C. A graph with points connected by lines
D. A pie chart
- Q2** Which data set is best represented by a histogram?
- A. Students' favorite colors
B. The number of books read by students in a month
C. The types of pets owned by classmates
D. The names of students in a class
- Q3** What is the main purpose of a histogram?
- A. To show the relationship between two variables
B. To display the frequency distribution of data
C. To compare individual data points
D. To identify trends over time
- Q4** A histogram shows the weights (in kg) of 100 students. The intervals are 40-49, 50-59, and 60-69. If the bar for 50-59 is the tallest, and the height is 35, what is the percentage of students in this interval?
- A. 25%
B. 35%
C. 50%
D. 70%

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Create And Interpret Histograms - Answer Key**Q1****B****Q2****B****Q3****B****Q4****B**