

Name _____

Date _____

Create And Interpret Box Plots

G6

Box plots show data distribution using minimum, maximum, median, and quartiles. They help us compare groups, find patterns, and understand data spread, making it easier to analyze and interpret information visually and effectively.

Q1 Which of the following is represented by the minimum value in a box plot?

- A. The smallest data point
- B. The median
- C. The largest data point
- D. The range

Q2 What does the line inside the box of a box plot represent?

- A. The minimum value
- B. The maximum value
- C. The median
- D. The range

Q3 If the maximum value in a box plot is 72 and the minimum value is 24, what is the range of the dataset?

- A. 48
- B. 96
- C. 24
- D. 72

Q4 In a box plot, the interquartile range (IQR) is 15, and the lower quartile is 20. What is the upper quartile?

- A. 30
- B. 35
- C. 25
- D. 40

Name _____

Date _____

Create And Interpret Box Plots - Answer Key**Q1****A****Q2****C****Q3****A****Q4****B**