

HW Box Plot

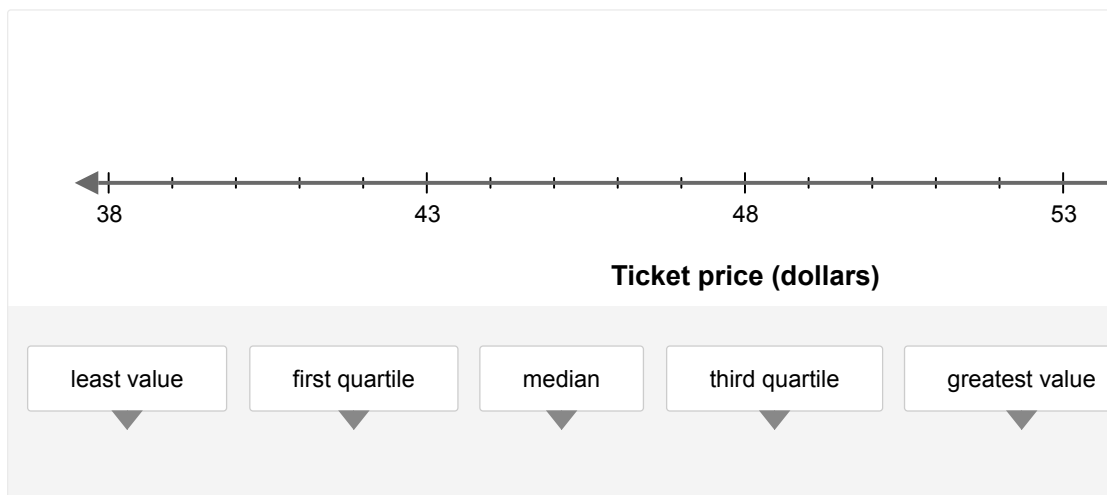
1. **VOCABULARY** Explain how to find the five-number summary of a data set.

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Grade 6 Accel: FL 2023>Chapter 11>Section 11.7: Box-and-Whisker Plots>11.7: In-Class Practice (4 - 7)> Question #4

2. Use the number line to identify the least value, first quartile, median, third quartile, and greatest value of the data.

Ticket prices (dollars): 39, 42, 40, 47, 38, 39, 44, 55, 44, 58, 45

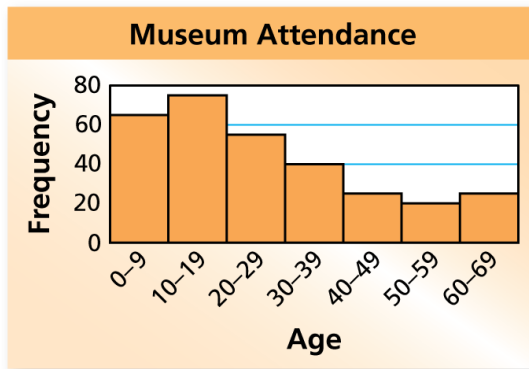


Identify the shape of the distribution.

- skewed right
- skewed left
- symmetric

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3. Describe the shape of the distribution.

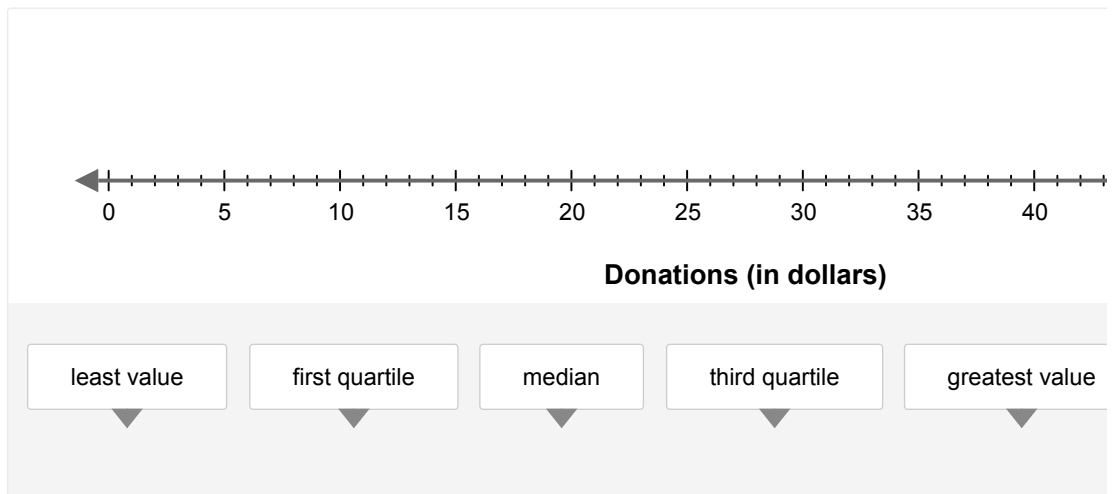


- symmetric
 skewed left
 skewed right

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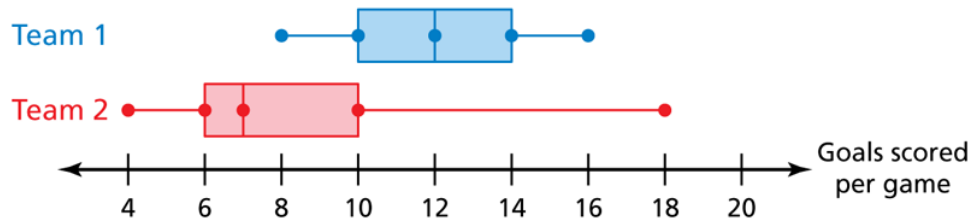
4. Use the number line to identify the least value, first quartile, median, third quartile, and greatest value of the data.

Donations (in dollars): 10, 30, 5, 15, 50, 25, 5, 20, 15, 35, 10, 30, 20



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5. **DIG DEEPER!** The double box-and-whisker plot represents the goals scored per game by two lacrosse teams during a 16-game season.



- a. Which team is more consistent?

- Team 1
- Team 2

Explain.

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- b. Team 1 played Team 2 once during the season. Which team do you think won?

Explain.

B / U ☰ T^2 T_2 0 / 10000 Word Limit

- c. Can you determine the number of games in which Team 2 scored 10 goals or less?

- yes
- no

Explain your reasoning.

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6. Use the number line to identify the least value, first quartile, median, third quartile, and greatest value of the data.

Science test scores: 85, 76, 99, 84, 92, 95, 68, 100, 93, 88, 87, 85

