

LOR, ERIC D.

I – BCSAD

Given:

11, 22, 20, 14, 29, 8, 35, 27, 13, 49, 10, 24, 17

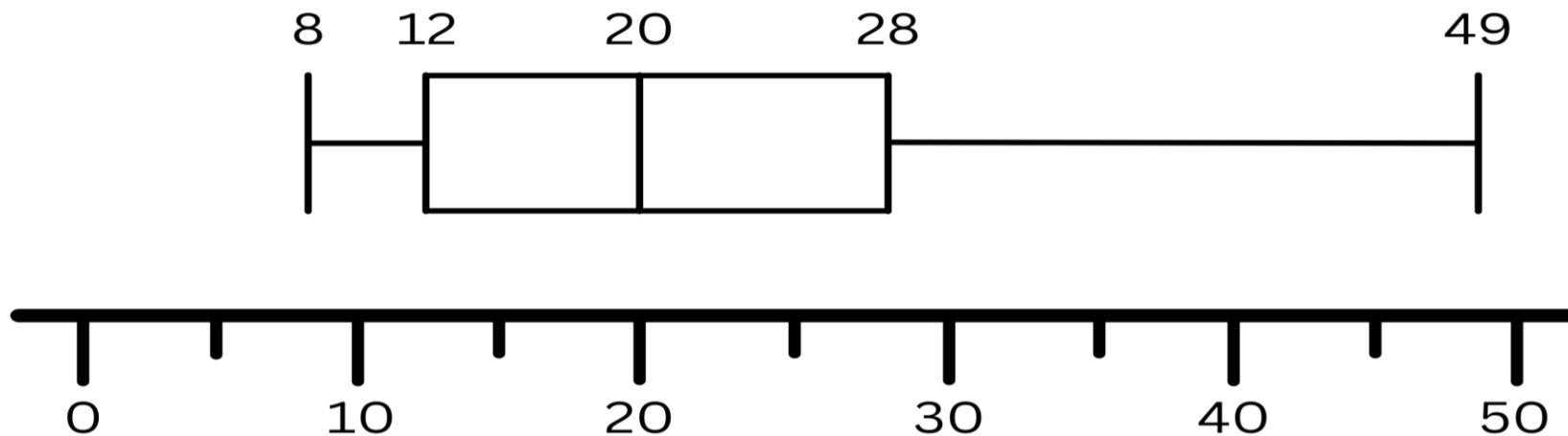
Ascending Order:

8, 10, 11, 13, 14, 17, 20, 22, 24, 27, 29, 35, 49

1. Find the Five Number Summary

- Minimum: **8**
- 1st Quartile: $11 + 13 / 2 = \mathbf{12}$
- Median: **20**
- 3rd Quartile: $27 + 29 / 2 = \mathbf{28}$
- Maximum: **49**

2. Create a Boxplot



- This is the visual representation of the given data set using a boxplot, without identifying any outliers.
- Data Value $< 12 - 1.5 (16) = \mathbf{-12}$
- Data Value $> 28 + 1.5 (16) = \mathbf{52}$
- **Therefore, there are no outliers.**