

Name: _____

Measures of Center and Variability

Measures of center summarize all data points with a single number. Measures of variability summarize how much data points vary from one another.

Write **C** (center) or **V** (variability) to identify each statistical measure.

_____ range

_____ mean

_____ IQR

interquartile range

_____ median

_____ mode

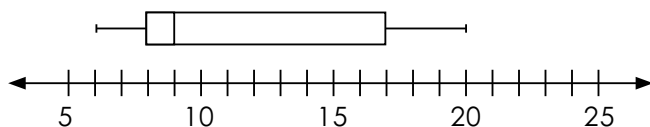
Calculate the requested statistical measure for each data set.

1. Find the range.

2. Find the median.



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5, 4, 7, 6, 5, 3, 10, 12

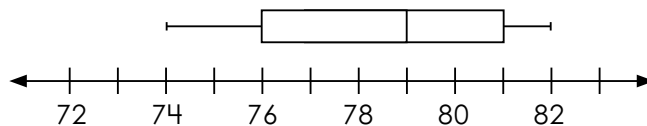
IQR: _____

mean: _____

5. Find the mode.

6. Find the median.

41, 35, 52, 35, 41, 48, 36, 35, 40, 52



mode: _____

median: _____

ANSWER KEY

Measures of Center and Variability

Measures of center summarize all data points with a single number. Measures of variability summarize how much data points vary from one another.

Write **C** (center) or **V** (variability) to identify each statistical measure.

 V range

 C mean

 V IQR
interquartile range

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mode: **35**

median: **79**