

Name: _____

Cloze

Summarizing Data

Word Bank

average

MAD (mean absolute deviation)

mode

center

mean

range

IQR (interquartile range)

median

variability

**Choose the word or words from the bank that best complete each sentence.
Some words will be used twice.**

1. The quickest measure of _____ to calculate is range.
2. Mean is the measure of _____ most affected by outliers.
3. The middle 50% of data points fall within the _____.
4. _____ is the best measure of center for highly skewed data.
5. _____ considers only two data points: the least and greatest.
6. Since the _____ can occur anywhere or in multiple places, it is an unreliable measure of _____.
7. _____ is the measure of variability that considers *all* data points.
8. _____ is the measure of variability that best accounts for outliers.
9. As measures of variability, _____ and _____ are most affected by outliers.
10. The term _____ is used as a synonym for *mean*.
11. Tightly grouped data points have low measures of _____.
12. The _____, _____, and _____ are identical in perfectly symmetric distributions.

ANSWER KEY

Cloze

Summarizing Data

Word Bank

average

MAD (mean absolute deviation)

mode

center

mean

range

IQR (interquartile range)

median

variability

Choose the word or words from the bank that best complete each sentence.
Some words will be used twice.

1. The quickest measure of **variability** to calculate is range.
2. Mean is the measure of **center** most affected by outliers.
3. The middle 50% of data points fall within the **IQR**.
4. **Median** is the best measure of center for highly skewed data.
5. **Range** considers only two data points: the least and greatest.
6. Since the **mode** can occur anywhere or in multiple places, it is an unreliable measure of **center**.
7. **MAD** is the measure of variability that considers *all* data points.
8. **IQR** is the measure of variability that best accounts for outliers.
9. As measures of variability, **range** and **MAD** are most affected by outliers.
accept in either order
10. The term **average** is used as a synonym for *mean*.
11. Tightly grouped data points have low measures of **variability**.
12. The **mean**, **median**, and **mode** are identical in perfectly symmetric distributions.
accept in any order