(Interquartile Range

The **interquartile range (IQR)** is a measure of variability. It tells the spread of the middle 50% of data in a data set.

The interquartile range is useful because it is less affected by outliers than other measures of variability. However, since it only describes the middle of the spread, it gives no information about what the tails of the distribution look like.

example: Zoe discovers different stores selling copies of the same used game for \$20, \$18, \$24, \$19, \$20, \$12, \$22, and \$35.

Step 1: Order the data values. 12, 18, 19, 20, 20, 22, 24, 35



ANSWER KEY

Interquartile Range

The **interquartile range (IQR)** is a measure of variability. It tells the spread of the middle 50% of data in a data set.

The interquartile range is useful because it is less affected by outliers than other measures of variability. However, since it only describes the middle of the spread, it gives no information about what the tails of the distribution look like.

example: Zoe discovers different stores selling copies of the same used game for \$20, \$18, \$24, \$19, \$20, \$12, \$22, and \$35.

Step 1: Order the data values. 12, 18, 19, 20, 20, 22, 24, 35

