Knowledge Check

In the equation of a straight-line Y = mX + c, the term m is the:

A. Slope

B. Independent variable

C. Dependent variable

D. Intercept

In the equation of a straight-line Y = mX + c, the term m is the:

A.   Slope

B.   Independent variable

C.   Dependent variable

D.   Intercept

The correct answer is   **A**

In the equation of a straight line Y = mX + c, m represents the slope, and c is any constant.

The standard error of the estimate is a measure of:

A.   Explained variation

B.   Variation around the regression line

C.   Variation of the X variable

D.   Total variation of the Y variable

The standard error of the estimate is a measure of:

A.   Explained variation

B.   Variation around the regression line

C.   Variation of the X variable

D.   Total variation of the Y variable

The correct answer is   **B**

The standard error of the estimate is a measure of the variation around the regression line.