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

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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.

Knowledge Check

2

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

Knowledge Check 2

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.