

Scatter Plots and Trend Lines Bell Work

1. The estimation of values smaller or larger than all known values is called:

- a. Interpolation
- b. Extrapolation
- c. Regression
- d. None of these

2. The slope of a line given two points found as:

- a. $m = \frac{x_2 - x_1}{y_2 - y_1}$
- b. $m = \frac{y_2 - y_1}{x_2 - x_1}$
- c. $m = x_2 - x_1$
- d. None of these

3. The point-slope form of the equation of straight line is given as:

- a. $y = mx + c$
- b. $y - y_1 = m(x - x_1)$
- c. $y = mx$
- d. None of these

4. The slope of the line $y = 4x - 9$ is:

- a. -9
- b. 4
- c. 13
- d. -5