

Slope
(5-1)

NAME _____
DATE _____ PERIOD _____

Graph the points given, draw a line through the two points, and then determine the slope of the line.

1. A (-3,5) , B (-1,1)

2. C (5,3) , D (-1,1)

3. E (-3,1) , F (4,5)

4. G (2,3) , H (-1,3)

5. I (-1,-2) , J (2,-5)

6. K (5,-2), L (4,-3)

Using the above points, find the slope by using the following formula:

$$\frac{\text{Change in } y}{\text{Change in } x} = \frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1}$$

NOTE: (x_1, y_1) (x_2, y_2)

7. M (7,3) , N (3,-9)

8. O (5,6) , P (2,-2)

9. Q (1,0) , R (-2,-3)

10. S (5,-1) , T (-3,-4)

11. U (-7,-3) , V (-4,-5)

12. W (3/2, 1) , X (5/2, 1/2)