

Notes: Finding Slope from a Graph

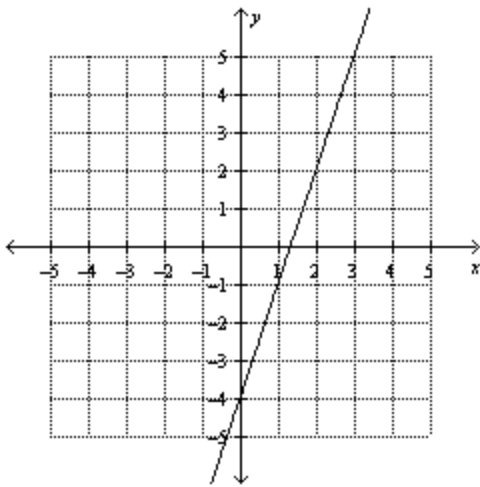
The mathematical term for steepness is _____.

We measure this by using the following formula...

$$= \underline{\hspace{2cm}}$$

Examples...

1.

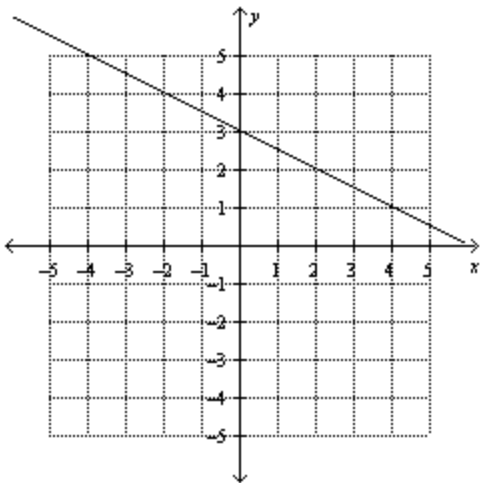


Slope =

y-intercept =

Equation =

2.



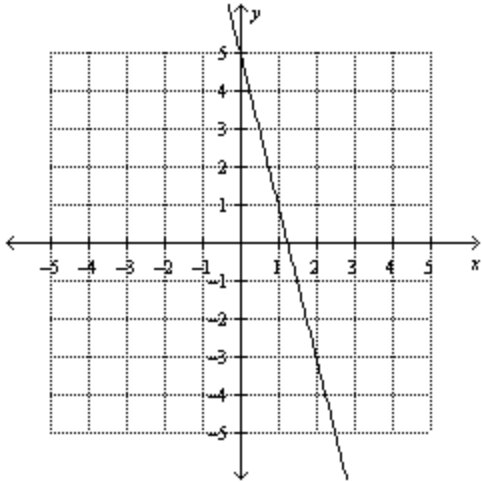
Slope =

y-intercept =

Equation =

Now you try...

3.

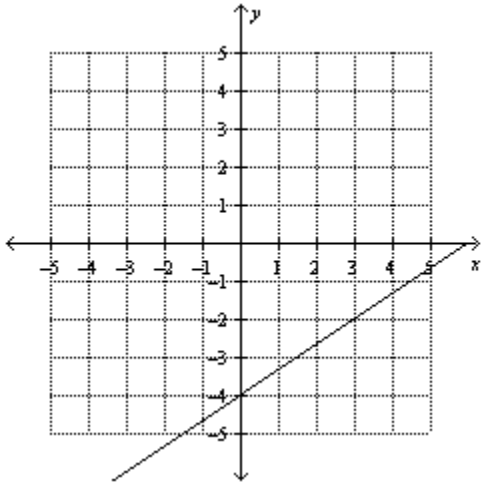


Slope =

y-intercept =

Equation =

4.

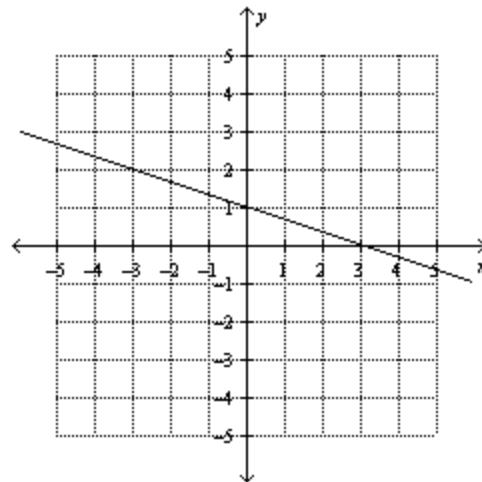


Slope =

y-intercept =

Equation =

5.

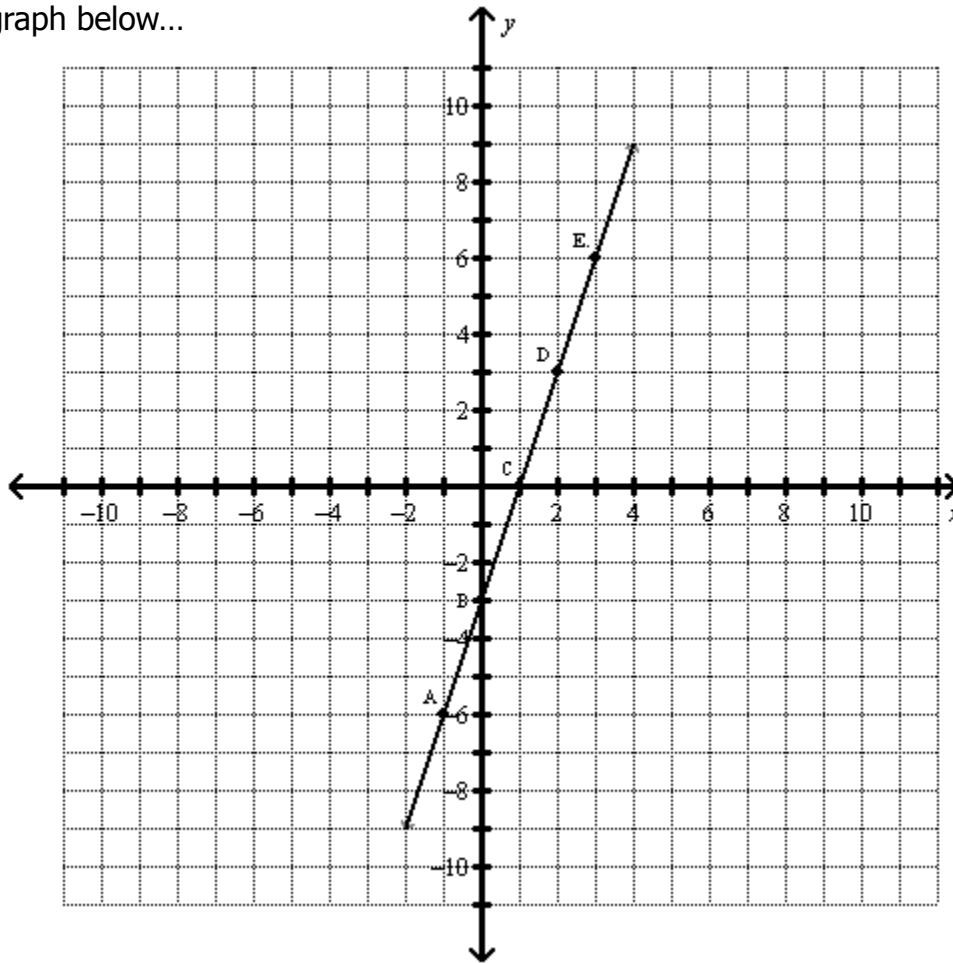


Slope =

y-intercept =

Equation =

6. Consider the graph below...



Find the slope using each pair of points.

a. A and E

b. B and C

c. B and D

d. What do you notice about the slopes in letters a-c?

e. Based on this information, what conclusion can you make about finding the slope of a line using two points?