

•Slope is defined as  $\frac{\text{change in Dependent Variable}}{\text{change in Independent Variable}} = \frac{\text{Change in Y}}{\text{Change in X}} = \frac{\text{Rise}}{\text{Run}} = \frac{y_2 - y_1}{x_2 - x_1}$

1. Find the slope of the line connecting each pair of points. For non-integer answers leave slope as a fraction in reduced form.

a)  $(-8, 4) \& (-3, -11)$

Slope =

b)  $(6, -4) \& (6, 2)$

Slope =

c)  $(7, 19) \& (-1, 7)$

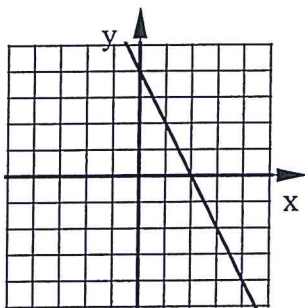
Slope =

d)  $(8, 3) \& (-10, 3)$

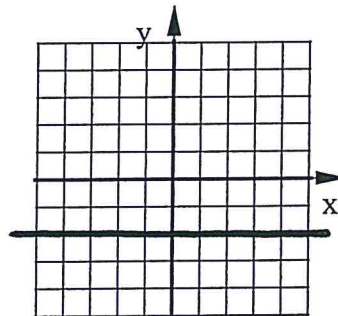
Slope =

2. Find the slope of the line shown in each graph.

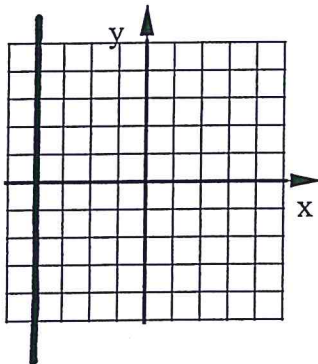
a) Slope =



b) Slope =



c) Slope =



d) Slope =

