

Key

Match-A-Slop

Match the following graphs with their slopes. **Pay special attention to the scaling on each set of axes.** Show your calculations to find each slope.

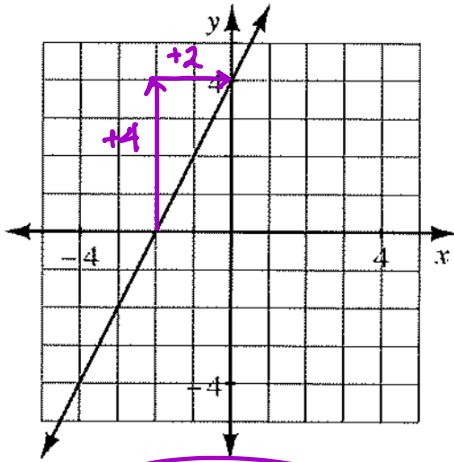
a. $slope = \frac{1}{4}$

b. $slope = \frac{1}{2}$

c. $slope = 2$

d. $slope = -\frac{2}{3}$

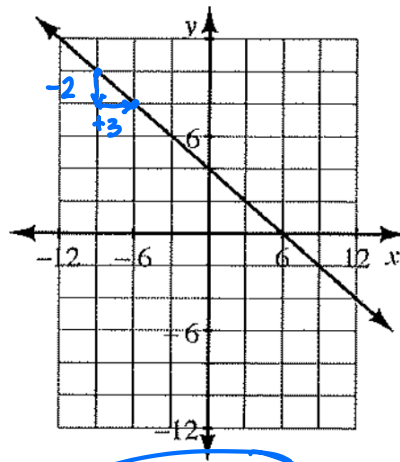
1.



$$\frac{\Delta y}{\Delta x} = \frac{4}{2} = 2$$

x-intervals = 1
y-intervals = 1

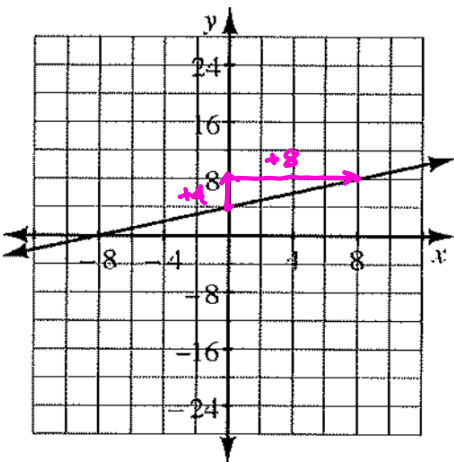
2.



$$\frac{\Delta y}{\Delta x} = -\frac{2}{3}$$

x-intervals = 3
y-intervals = 2

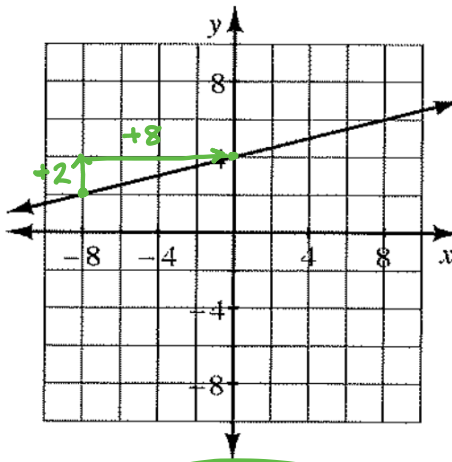
3.



$$\frac{\Delta y}{\Delta x} = \frac{4}{8} = \frac{1}{2}$$

x-intervals = 2
y-intervals = 4

4.



$$\frac{\Delta y}{\Delta x} = \frac{2}{8} = \frac{1}{4}$$

x-intervals = 2
y-intervals = 2