Name : Answers .

Score : _____

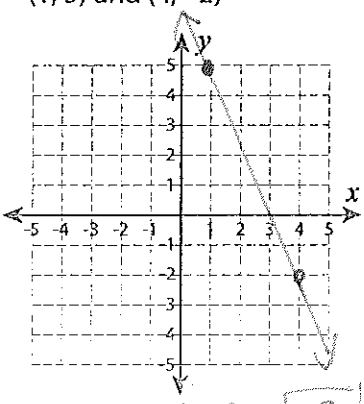
Find the Slope

Sheet 1

Graph a line through the given pair of points. Find the slope.

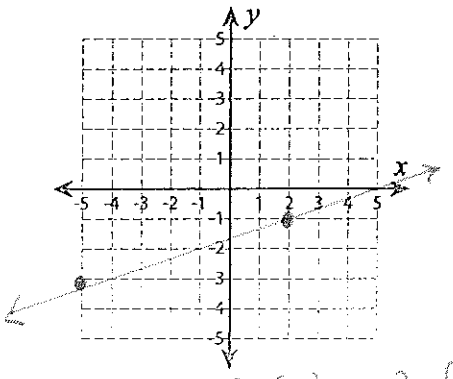
This just means crosses x axis at 4 & ~~4~~ y at 3

1) (1, 5) and (4, –2)



Slope = $\frac{-2-5}{4-1} = \frac{-7}{3}$

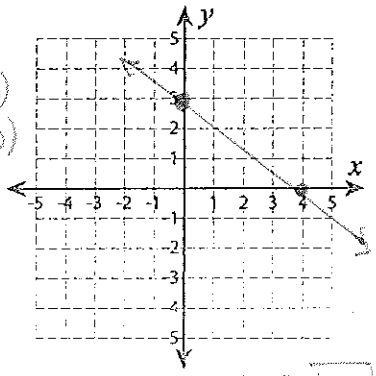
2) (2, –1) and (–5, –3)



Slope = $\frac{-3-(-1)}{-5-2} = \frac{-2}{-7} = \frac{2}{7}$

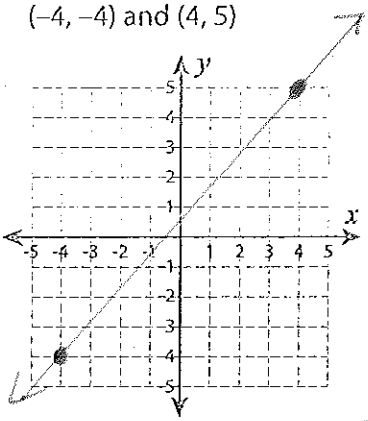
3) x-intercept=4, y-intercept=3

(0,3)
(4,0)



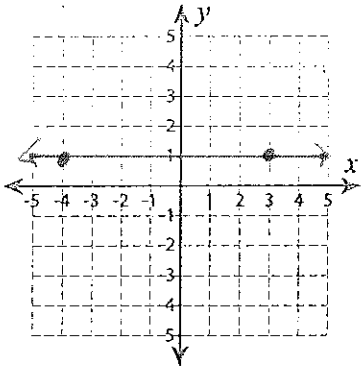
Slope = $\frac{0-3}{4-0} = \frac{-3}{4}$

4) (–4, –4) and (4, 5)



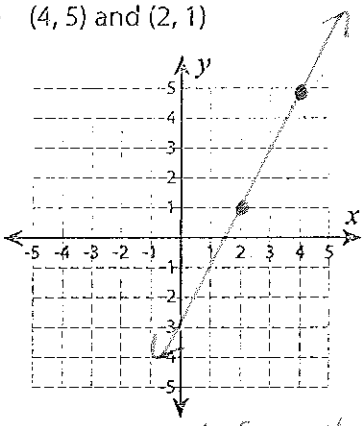
Slope = $\frac{5-(-4)}{4-(-4)} = \frac{9}{8}$

5) (3, 1) and (–4, 1)



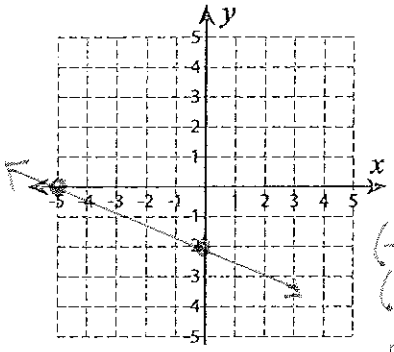
Slope = zero 0

6) (4, 5) and (2, 1)



Slope = $\frac{1-5}{2-4} = \frac{-4}{-2} = 2$

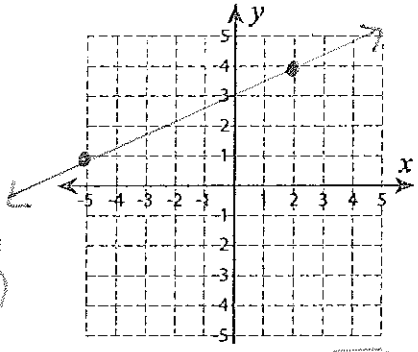
7) x-intercept=–5, y-intercept=–2



(–5,0)
(0,–2)

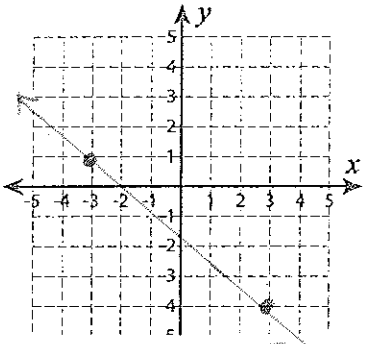
$\frac{-2-0}{0-(-5)} = \frac{-2}{5}$

8) (–5, 1) and (2, 4)



$\frac{4-1}{2-(-5)} = \frac{3}{7}$

9) (–3, 1) and (3, –4)



$\frac{-4-1}{3-(-3)} = \frac{-5}{6}$