

Name: _____
 Period _____

Date: _____
 Henderson – Math 8

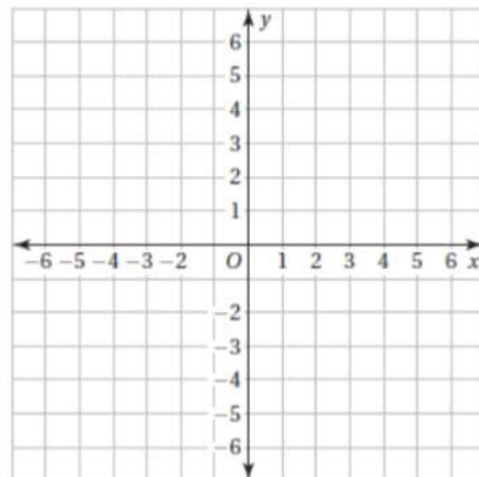
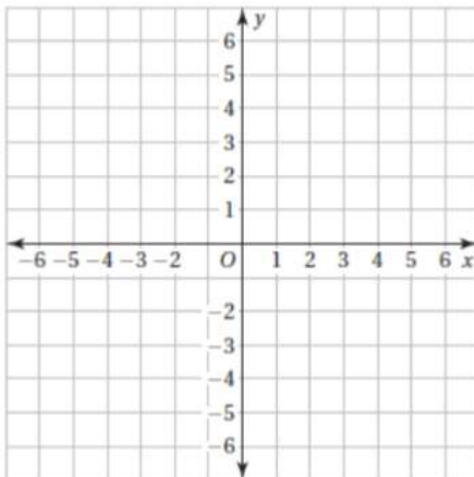
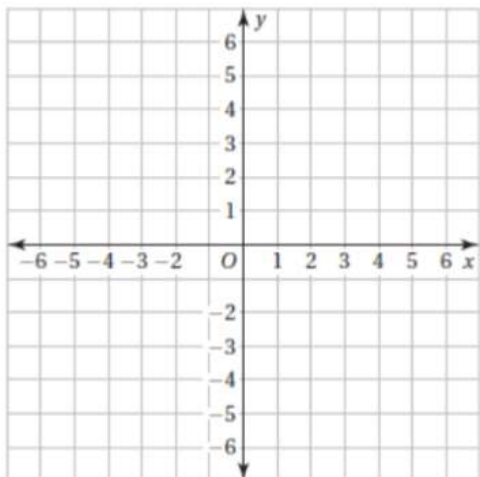
Homework for Week 10

Monday: HW# 10A (go to www.khanacademy.org or www.hendersonmath.com for review)
 Graph each equation on the set of axes below. Put arrows on each end and LABEL the line.

1.) $y = -\frac{1}{2}x - 3$

2.) $y = -x - 2$

3.) $y = 3x$



Tuesday: HW #10B

Find the rate of change. Show your work.

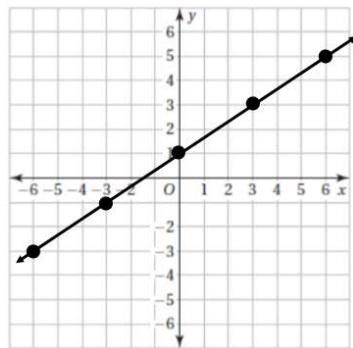
4.) $3x + y = 8$

5.) $(-6, 4) (7, 5)$

6.)

X	Y
5	8
3	11
1	14

7.



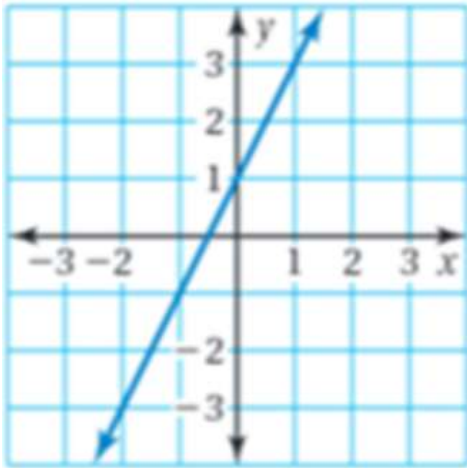
8.) $4x - 5y = 20$

9.) $(3, 9) (6, -9)$

Wed: HW#10C (go to www.khanacademy.org or www.hendersonmath.com for review)

10.) Which function has the greatest rate of change? A, B, or C?

A.



B.

X	Y
-4	2
-2	1
0	0
2	-1

C. $y = 5x - 3$

Thursday: HW#10D (go to www.khanacademy.org or www.hendersonmath.com for review)

11.) Find the rate of change for the following data:

(2, 7) and (4, 7)

Answers

11) _____

12) _____

12.) Identify the rate of change in the following linear equation:

$$-2y = 8x + 5$$

13) _____

13.) Which of the following is NOT written in slope-intercept form?

a) $y = 6x + 7$

b) $y = \frac{2}{x} - 9$

14) _____

c) $y = 5x + 2$

d) $8x + 2y + 12 = 0$

15) _____

Find the solution.

16) _____

14. $11x = 24 + 8x$

15. $5r + 2 = 4r - 1$

16. $0.2(x + 50) - 6 = 0.4(3x + 20)$