

Name: _____
 Period _____

Date: _____
 Henderson – Math 8

Homework for Week 13

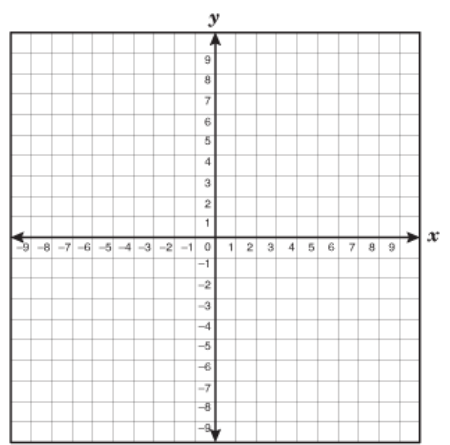
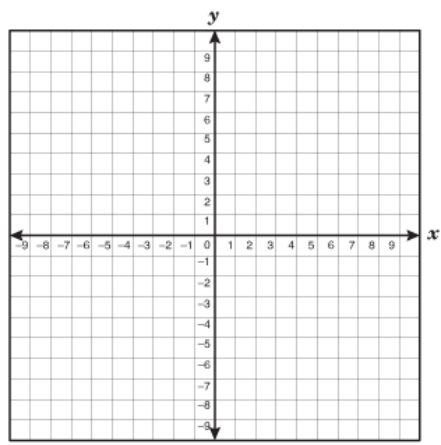
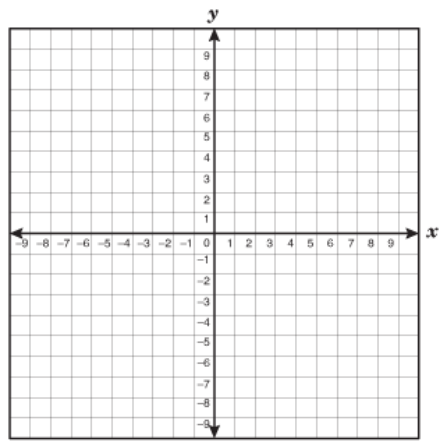
Tuesday: HW# 13A (go to www.khanacademy.org or www.hendersonmath.com for review)

Find the solution to the system of equations graphically:

1.) $y = 2x - 7$
 $y = -3$

2.) $x = 1$
 $y = -2x + 4$

3.) $y = -3x - 3$
 $3x + y = 3$ (rewrite!!)



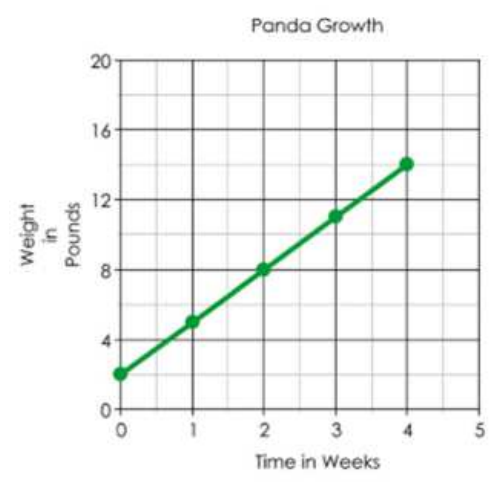
Write the $y = mx + b$ equation for each function:

4.) $4x - 2y = 8$

5.)

X	Y
0	-2
3	-6
6	-10

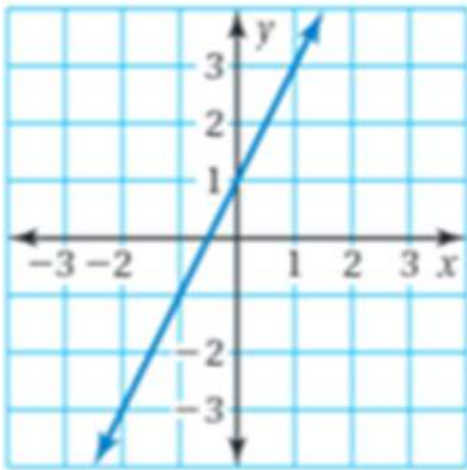
6.)



Wed: HW#13B (go to www.khanacademy.org or www.hendersonmath.com for review)

7.) 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#13C (go to www.khanacademy.org or www.hendersonmath.com for review)

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

(3, 12) and (5, 12)

Answers

8) _____

9) _____

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

$$-6y = 12x + 7$$

10) _____

10.) Which of the following is NOT a linear equation?

a) $y = 6x + 7$

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

11) _____

c) $y = \sqrt{x} + 2$

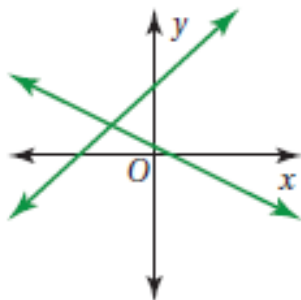
d) $8x + 2y + 12 = 0$

12) _____

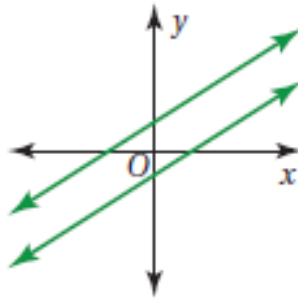
Name how many solutions in each system. (ONE, INFINITE, or NONE)

13) _____

11.



12.



13.

