

Name: _____

Weekly #28

****DUE BY 5/25/18****

****TURN IN BY 5/23/18 FOR EXTRA CREDIT!****

Must show all work to get full credit!! There are 3 questions on the back!

1.) $\frac{c+3b}{2a} = y$ What is b expressed in terms of a , c , and y ?

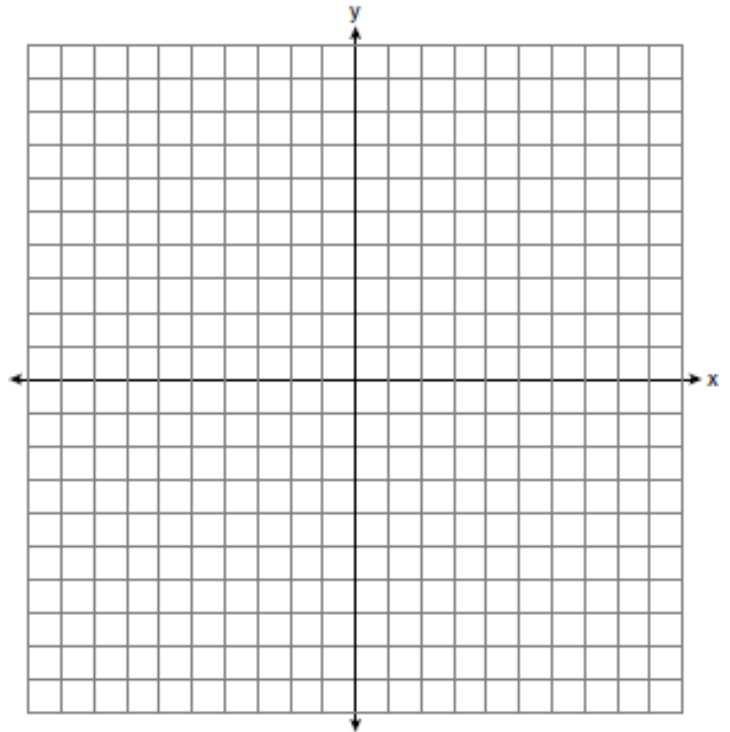
(Notes #21-22)

2.) Solve the following system of equations graphically for x and y :

(Notes #43)

$$3y = 3x + 12$$

$$-6x + 2y = 4$$



- 3.) Write an equation that represents the line that passes through the points, $(3, 13)$ and $(-4, -1)$.
(Notes #35)

- 4.) What is the explicit formula for the n th term of sequence B shown below?

$$B = 180, 60, 20, \frac{20}{3}, \dots$$

- 5.) Solve the following equation. STATE what property you used at each step. (Notes #7)

$$2(3x + 7) - 8x = -16$$

Property: