

Name: _____

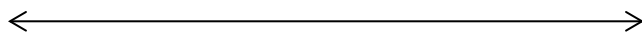
****DUE BY 2/9/18****

****TURN IN BY TUESDAY, 2/6/18 FOR EXTRA CREDIT!****

- 1) If $2y + 2w = x$, then find w in terms of x and y (get w by itself). (Notes #21&22)

- 2) In 2009, the population of Pleasantville was 10 million. The population is decreasing by 4% each year. Find the estimated population of Pleasantville in 2020. (Notes #59)

- 3) Solve and graph the compound inequality: $3 < x + 2 \leq 9$ (Notes #17&20)



- 4) On the grid below, solve the system of equations graphically for x and y . (Notes #43)

$$y = -2x - 1$$
$$4x - 2y = 10$$

