**6.4 Slope-Intercept Form of the Equation of a Linear Function**

Given x + y = 2 a. isolate y

b. graph

c. slope

d. y-intercept

Slope y-intercept form **y = mx + b**

ex.1 Write an equation of a line with slope and y-intercept -4.

ex.2 What is the slope and y-intercept of the following equations

1. y = 5 - x b) 2x + 5y = 7

Graphing using slope and y-intercept

ex.1 y = x – 1

ex. 2 y = - x + 2

**Homework**