1. {(2,4), (7,6), (1,3), (3,2)}

 Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Function? \_\_\_\_\_\_\_\_\_\_\_\_\_

**Function Notation**:

 Use the graph below to find the values.

2)  g(x) = x2 – 2 3) What is f(1), f(5), f(6)?

1. 
2. 
3. 

**Graphing:**

Put into slope-intercept form and then graph the lines. Find the following information:

4) 3x + y = 4 5) 4 + 2y = 10x 6) 

Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_ Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Slope \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

y-int: \_\_\_\_\_\_\_\_\_\_\_\_\_ y-int: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ y-int: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_\_\_ Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_ Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Function? \_\_\_\_\_\_ Function? \_\_\_\_\_\_ Function? \_\_\_\_\_\_

 

7)Determine the x- and y-intercepts for each equation, then graph using the intercepts.

a)  b) 

x-intercept \_\_\_\_\_\_\_\_\_\_ x-intercept \_\_\_\_\_\_\_\_\_\_

 y-intercept \_\_\_\_\_\_\_\_\_\_ y-intercept \_\_\_\_\_\_\_\_\_\_