

Name: _____ Date: _____ Per: _____

Study Guide for Quiz #4

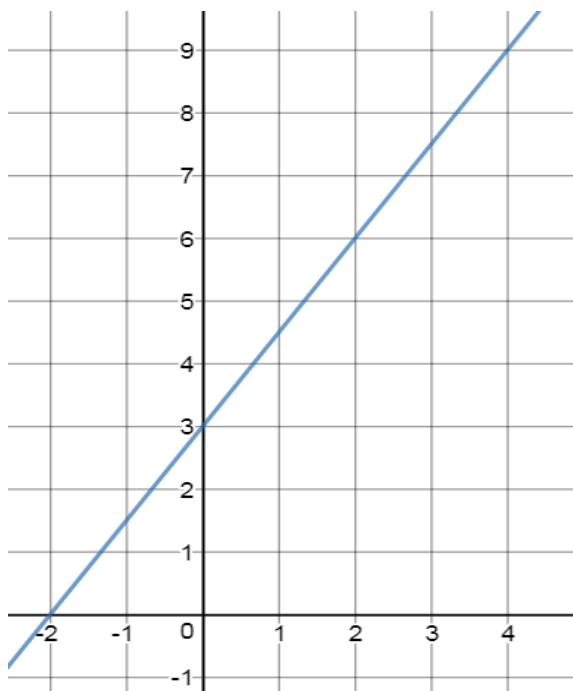
Define the following terms

Constant Rate of Change/Slope: _____

Initial Value/Y-intercept: _____

1. Use the graph to create a table and find the CRC and initial value

Graph:



a. CRC/Slope: _____ b. Initial Value/y-int.: _____

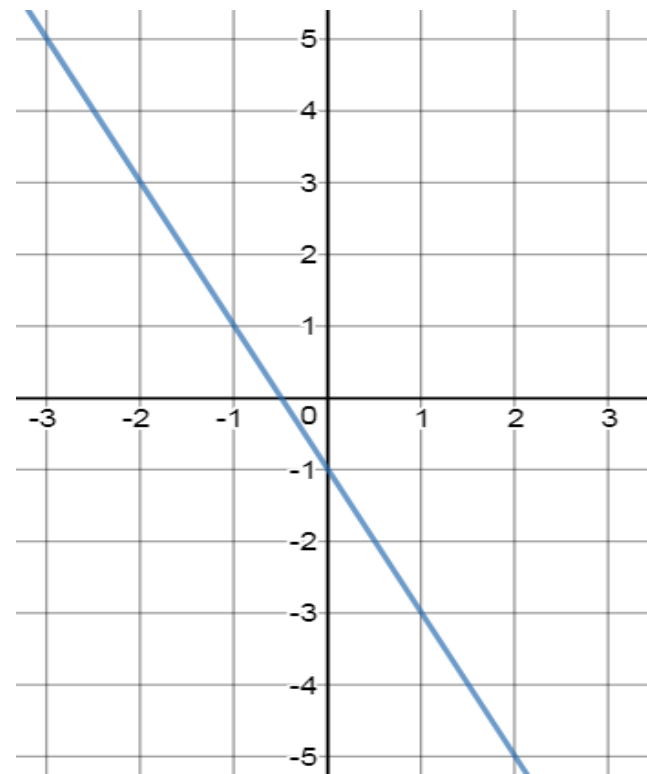
c. Circle the type of slope: **Positive** **Negative** **Zero** **Undefined**

Table:

x	-2	0	2	4
y				

2. Use the graph to create an equation and find the CRC and initial value

Graph:



a. CRC/Slope: _____ b. Initial Value/y-int.: _____

c. Circle the type of slope: **Positive** **Negative** **Zero** **Undefined**

Equation/Rule:

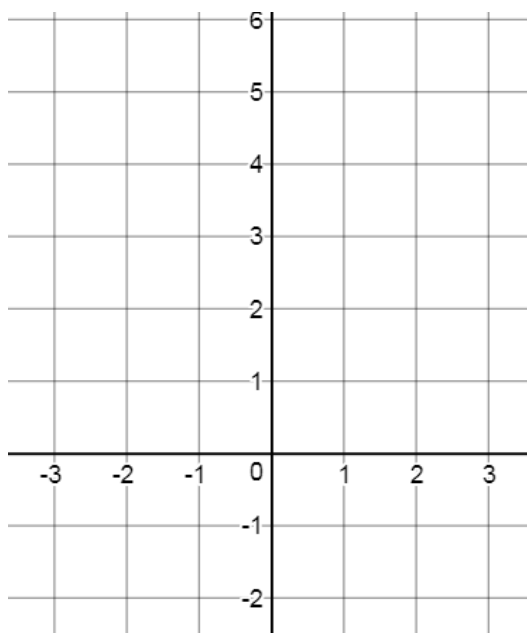
y = _____

3. Use the table to create a graph and find the CRC and initial value

Table:

x	y
2	-2
2	-1
2	0
2	1
2	2
2	3

Graph:



a. CRC/Slope: _____

b. Initial Value/y-int.: _____

c. Circle the type of slope: **Positive** **Negative** **Zero** **Undefined**

4. Use the table to create an equation and find the CRC and initial value

Table:

x	-3	0	3	6
y	5	10	15	20

a. CRC/Slope: _____

b. Initial Value/y-int.: _____

c. Circle the type of slope: **Positive** **Negative** **Zero** **Undefined**

Equation/Rule:

y = _____

5. Use the equation to create a graph and find the CRC and initial value

Equation/Rule:

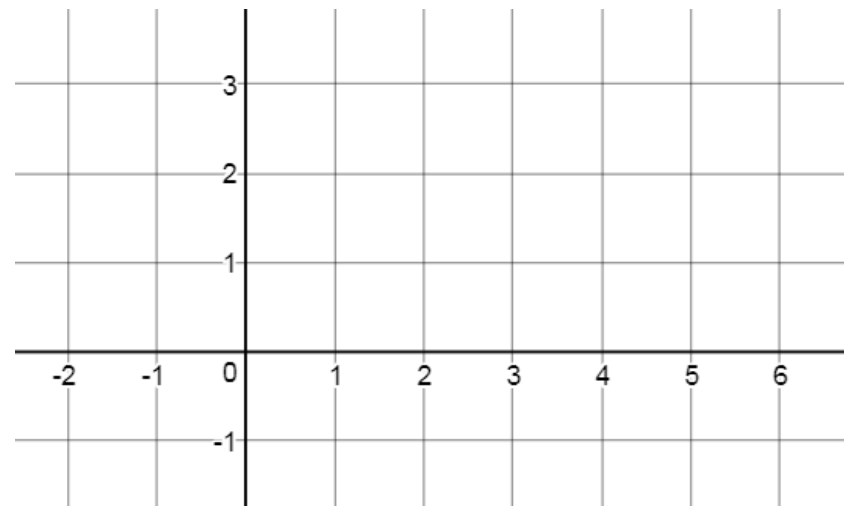
$$y = -\frac{1}{2}x + 2$$

a. CRC/Slope: _____

b. Initial Value/y-int.: _____

c. Circle the type of slope: **Positive** **Negative** **Zero** **Undefined**

Graph:



5. Use the equation to create a table and find the CRC and initial value

Equation/Rule:

$$y = 0x - 4$$

a. CRC/Slope: _____

b. Initial Value/y-int.: _____

c. Circle the type of slope: **Positive** **Negative** **Zero** **Undefined**

Table:

x	-1	0	1	2	3	4
y						