

Name _____

Date _____

Pre Algebra
Practice Test

Name _____

1. Give the coordinates of each point.

a. A (____) $(-4, 5)$ or $(5, -4)$ b. B (____) $(4, 2)$ or $(-2, -4)$

2. Which points are in Quadrant I?

 $C \neq G$ or $A \neq E$

3. Which points are in Quadrant III?

 $F \neq D$ or $H \neq B$

4. Graph each of the points on the coordinates plane.

a. L $(0, 3)$ L_1 or L_2 b. M $(-2, 5)$ M_1 or M_2

5. Graph the following equation.
- $y = -3x + 1$
- using the table.

x	y =	y	(x, y)
-2	$-3(-2) + 1$	7	A_1 or A_2
-1	$-3(-1) + 1$	4	B_1 or B_2
0	$-3(0) + 1$	1	C_1 or C_2
1	$-3(1) + 1$	-2	D_1 or D_2
2	$-3(2) + 1$	-5	E_1 or E_2

6. Graph the following equation.
- $y = 4/3x - 2$
- on the graph at the right.

 1 or 2

7. Given the graph, find the slope (m) and the y-intercept (b) and write the equation of the line (
- $y = mx + b$
-)

 $m = 3/2$ or $2/3$ $b = 3$ or -2 $y = 3/2x + 3$ or $y = 2/3x - 2$ 