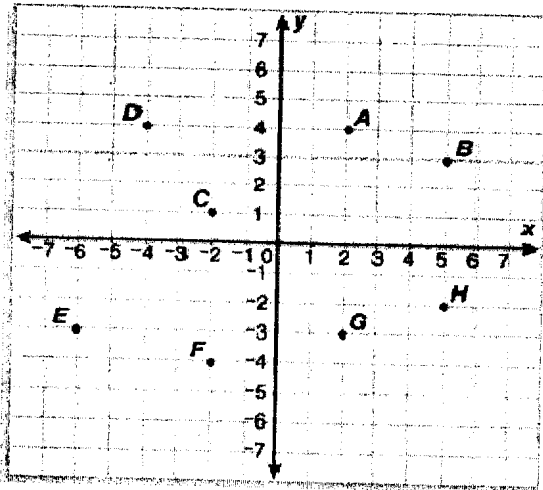


Graphing Quiz Review

Name: _____

Tell whether each statement is true or false. Explain your thinking.

1. The point $(-2, -3)$ lies in the 3rd quadrant.
2. Any point whose y-coordinate is negative lies above the y-axis.
3. Any point that has a y-coordinate of 0 lies on the x-axis.
4. If both coordinates of a point are positive, the point lies in the 2nd quadrant.



5. For each point on the Coordinate plane shown, give its coordinates and tell which quadrant it lies in.

A _____

B _____

C _____

D _____

E _____

F _____

G _____

6. A. Find the coordinates of Five points on the line shown on the coordinate plane above.

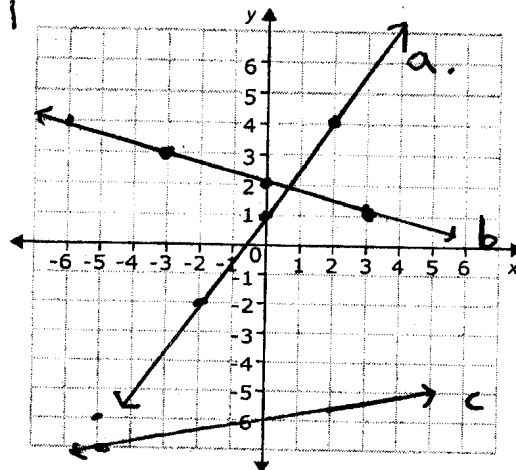
- B. Use the coordinates from part A to make a Table of x and y values.

x	y

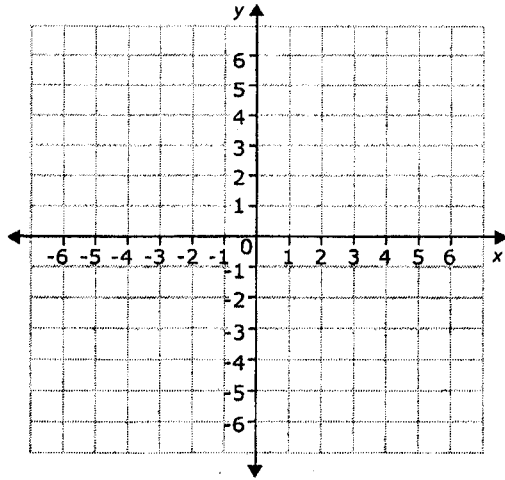
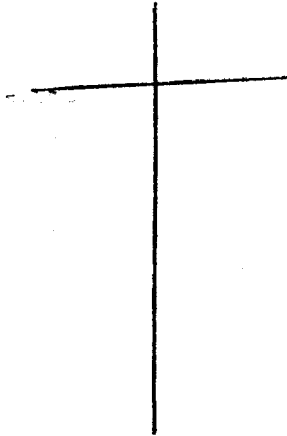
- C. Write an equation for the line.

7. Find the Slope of the following ^{three} lines.

- a.
- b.
- c.



8. a. Make a table of values that satisfy the Equation $y = x + 2$ and graph the equation.



b. If you extended your line, which of the following points would lie on the line? $(8, 10)$, $(-10, -14)$, $(-16, -14)$, $(20, 18)$. How can you tell?

Tell whether the graph of each equation is a horizontal line, vertical line, or neither.

9. $Y = 4$

10. $X = -3$

11. $y = 5x$

12. $Y = x$

13. $y = 4x - 2$

Identify the slope and y-intercept of each equation. Then graph the equation.

14. $y = 3x - 2$

15. $Y = 2x$

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

Slope:

Slope:

Slope:

Y-intercept:

y-intercept:

y-intercept:

