

Basic Algebra Exam 1 Review

Name: _____

1. Evaluate $5 \cdot (n + m)$ for $n = 9$ and $m = 2$.

2. Evaluate $54 - 30 \div 3$

3. Simplify: $5x + 4 + 2x + 8$

4. Simplify: $(4xy)(12x)$

5. Simplify: $7(x + 2)$

6. Evaluate for L: $P = 2L + 2W$ for $P = 30$ and $W = 5$

7. Give the multiplicative inverse of $\frac{9}{14}$

8. Solve: $y + 23.5 = 62.5$

9. Solve: $\frac{5}{9}c = 15$

11. Evaluate: $39 - (-4) =$

13. Evaluate: $(-12)(7) =$

What does "Evaluate" mean:

What does "Simplify" mean:

What does "Solve" mean:

10. Simplify: $|-19| =$

12. Evaluate: $(-5) - 3 =$

14. Evaluate: $(-95) \div (-5)$

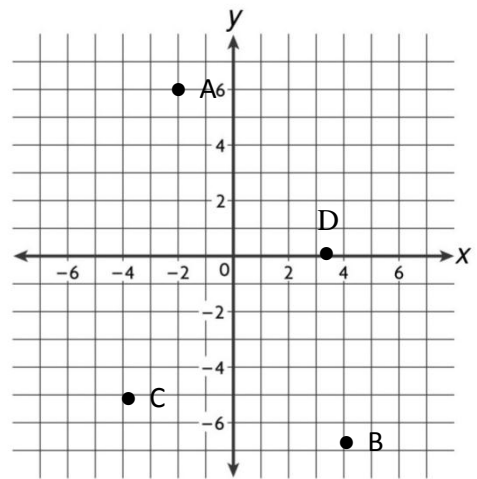
15. What are the coordinates of

A ()

B ()

C ()

D ()



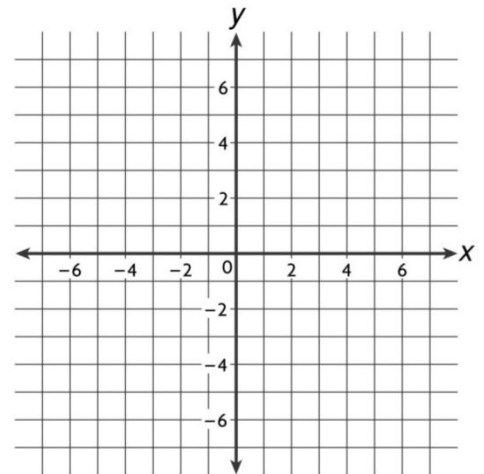
16. Name the quadrant of point A & B above.

A _____

B _____

17. Complete the table and Graph the following $y = 2x + 6$

x	y



18. Find the slope of the line passing through the point (4, 6) and (-3, 3).

Formula for slope:

19. Find the x and y intercepts of $6x + 3y = 18$

x (,)

y (,)

Describe the details of the *Intercepts*: