

Name: Key

Period: _____

Vocabulary Quiz (12)

Directions: Write the vocabulary word in the blank.

1. Linear Line
2. Area length x width
3. Solution to a system an ordered pair that satisfies both equations
4. Slope - Intercept $y = mx + b$
5. Expression does not have an equal sign
6. Parent Linear $y = x$
7. y-intercept, b $x = 0$
8. Perimeter add up all the sides
9. Distribute Multiplying outside number by everything inside parentheses
10. Solution to an Inequality a value or values that make the inequality true
11. No Solution $0 = \#$
12. (#, 0) x - intercept
13. (0, #) Y-intercept
14. Compound Inequalities two inequalities that are combined into one statement
15. Perpendicular Lines that slopes are opposite reciprocals
16. Inequality a statement that compares two expressions by using either $<$, $>$, \leq or \geq
17. Point-Slope $y - y_1 = m(x - x_1)$
18. x-intercept $y = 0$
19. b, y-intercept starting point
20. Equation has an equal sign
21. Zero slope of a horizontal line
22. Standard Form $Ax + By = C$
23. Slope, m rise over run
24. Undefined slope of a vertical line
25. Translation y- intercept changes
26. Reflection Slope changes signs
27. System of Equations two or more linear equations
28. Parallel Lines that have the same slopes
29. Rotation slope changes numbers
30. Infinitely Many $0 = 0$
31. Slope, m Rate of change

- Minimum - lowest point on a parabola that opens up
- Maximum - highest point on a parabola that opens down
- Parabola - U shaped graph
- Standard Quadratic - $y = ax^2 + bx + c$
- Axis of Symmetry - vertical line passing through the vertex; splits the parabola into two equal parts
- Parent Quadratic - $y = x^2$
- Vertex - the highest or lowest point on a parabola