Name: _____ Date: _____

Scavenger Hunt

1. The line that divides a graph into two symmetrical parts that are mirror images or each other	A. Perpendicular
2. If x is the independent variable and y is the dependent variable, then for y is f(x), read "f of x", where f names the function	B. Domain
3. A diagram in which a line to represent the solutions to an equation or inequality	C. Discrete Graph
4. Constant rate of change; the change in y over the change in x; rise over run	D. Function
5. The horizontal number line of a coordinate plane	E. Parallel
6. The vertical number line of a coordinate plane	F. Inequality
7. For any real numbers a, b, and c, a(b + c) = ab + ac	G. Independent Variable
8. For any numbers a, b, and c: (a + b) + c = a + (b + c) and (ab)c = a(bc)	H. Distributive Property
9. For any numbers a, b and c: a + b + c = a + c+ b and abc = cba	I. Quadrant
10. A non-vertical line that contains a point (x, y) and has a slope of m and is found in the format of y - y1 = m(x - x1)	J. Y-Axis
11. One of the four regions into which coordinate axes divides a plane	K. Dependent Variable
12. Two lines that intersect to form right angles; slope are opposite reciprocals.	L. Commutative Property
13. The rules for evaluating an expression involving more than one operation	M. Graph
14. Two lines that never interest; they have the same slope	N. Slope
15. A box and whisker diagram that display the five-number summary for a data set (minimum, first quartile, median, third quartile, and maximum values)	O. X-Axis
16. The highest or lowest point on a parabola; the point where the parabola changes direction	P. Vertical Line Test
17. The set of all of the x-values	Q. Box plot
18. The set of all of the y-values	R. Continuous Graph

19. X; Input

20. Y; Output

21. y=mx+b; m=slope; b= y-intercept

22. A mathematical sentence in that involves two values that are not necessarily equal

23. A graph that is represented by a smooth line, no gaps

24. A graph that is represented by set points; not connected

25. A relation in which each x value (input) has one and only one y value (output)

26. A way to determine if a relation represents a function; the vertical line can only cross the graph at one point

S. Slope-Intercept Form

T. Point-Slope Equation

U. Range

V. Associative Property

W. Vertex

X. Function Notation

Y. Order of Operations

Z. Axis of Symmetry