

Name: _____ Date: _____

8th Grade - Final Exam - Part 2

1. a rigid motion that turns a figure around a fixed point
 2. a graph that uses points to display the relationship between two different sets of data
 3. figures are this if you can map one figure to the other by a sequence of rotations, reflections, translations, and dilations
 4. $y=mx+b$
 5. this is a number, when multiplied by itself, equals the original number
 6. a conjecture that is proven
 7. this is a number, variable, or the product of a number and one or more variables
 8. a change in position, shape, or size of a figure; translations, reflections, and rotations
 9. a line that intersects two or more lines at different points
 10. a letter that represents an unknown value
 11. the y-coordinate of the point where the line crosses the y -axis
 12. the horizontal number line, together with the y-axis that forms the coordinate plane
 13. the vertical number line, together with the x-axis that forms the coordinate plane
 14. a number that shows how many times a base is used as a factor
 15. (0,0)
 16. a number that can be written in fraction form; these include integers
 17. y value
 18. expressions that always have the same value
 19. this means that only one value would satisfy the equations
 20. a value of the variable that makes the equation true
- A. Y-axis
 - B. One solution
 - C. Transformation
 - D. X-axis
 - E. Square root
 - F. Output
 - G. Slope-intercept form
 - H. Theorem
 - I. Transversal
 - J. Scatter plot
 - K. Rational numbers
 - L. Rotation
 - M. Equivalent expressions
 - N. Solution of an equation
 - O. Origin
 - P. Term
 - Q. Variable
 - R. Y-intercept
 - S. Exponent
 - T. Similar figures