

Name: _____ Date: _____

8th Grade - Vocabulary Test #3

1. this angle measures 90 degrees
 2. a rigid motion that turns a figure around a fixed point
 3. the ratio of a length in the image to the corresponding length in the original figure
 4. a graph that uses points to display the relationship between two different sets of data
 5. this number is written as the product of two factors, one greater than or equal to 1 and less than 10, and the other a power of 10
 6. figures are this if you can map one figure to the other by a sequence of rotations, reflections, translations, and dilations
 7. rise over run
 8. $y=mx+b$
 9. the set of all points in space that are the same distance from a center point
 10. this is a number, when multiplied by itself, equals the original number
 11. this is formed by two or more linear equations that use the same variables
 12. a conjecture that is proven
 13. a decimal that stops
 14. this is a number, variable, or the product of a number and one or more variables
 15. a figure that does not lie in a plane
 16. a change in position, shape, or size of a figure; translations, reflections, and rotations
 17. a rigid motion that moves every point of a figure the same distance and in the same direction
 18. a line that intersects two or more lines at different points
- A. Rotation
 - B. Right angle
 - C. System of linear equations
 - D. Trend line
 - E. Theorem
 - F. Transformation
 - G. Transversal
 - H. Sphere
 - I. Square root
 - J. Slope of a line
 - K. Three dimensional
 - L. Variable
 - M. Translation
 - N. Slope-intercept form
 - O. Scientific notation
 - P. Scale factor
 - Q. Terminating decimal
 - R. Term

19. a line on a scatter plot, drawn near the points, that approximates the association between the data sets

S. Similar figures

20. a letter that represents an unknown value

T. Scatter plot