8th Grade CCSS Math Vocabulary Matching 1

Write the word that best matches each definition or clue.

1. _____ Moving a shape so that it is in a different position, but still has the same size, area angles, and line lengths.

2. _____ Having the same size and shape.

3. _____ A transformation created proportionally by enlarging or reducing a figure.

4. _____ A transformation created by reflecting (flipping) an image over a line.

5. _____ The side opposite the right angle. It is the longest side of a right triangle.

6. _____ A line that intersects two or more lines in a given plane.

7. _____ A convincing demonstration that a mathematical statement is true.

8. _____ The number of cubic units needed to fill a sphere.

9. _____ The number of cubic units needed to fill a cone.

10. _____ An angle formed outside a polygon by extending one of its sides.

11. _____ In a right triangle, the square of the length of the hypotenuse is equal to the sum of the squares of the lengths of the legs $(A^2+B^2=C^2)$.

12. _____ A measure of the steepness of a line on a graph.

13. _____ A transformation created by sliding an object.

14. _____ The symbol used to represent the non negative square root of a number.

15. _____ The original image before transformation.

16. _____ A transformation made by turning or spinning a figure around a given point.

17. _____ A flat two-dimensional surface that goes in all directions forever

18. _____ A figure resulting from a transformation.

A. sphere volume
D. dilation
G. cone volume
J. Pythagorean Theorem
M. plane
P. image

B. hypotenuse
E. slope
H. transformation
K. proof
N. pre-image
Q. rotation

C. congruent
F. translation
I. reflection
L. radical symbol
O. transversal
R. exterior angles