8th Grade CCSS Math Vocabulary Matching 4

Write the word that best matches each definition or clue.

1. _____ The number of cubic units needed to fill a cone.
2. _____ Moving a shape so that it is in a different position, but still has the same size, area angles, and line lengths.
3. _____ Having the same size and shape.
4. _____ A figure resulting from a transformation.
5. _____ The number of cubic units needed to fill a sphere.
6. _____ A transformation created proportionally by enlarging or reducing a figure.
7. _____ An angle formed outside a polygon by extending one of its sides.
8. _____ A transformation made by turning or spinning a figure around a given point.
9. _____ A convincing demonstration that a mathematical statement is true.
10. _____ The symbol used to represent the non negative square root of a number.
11. _____ A transformation created by sliding an object.
12. _____ A transformation created by reflecting (flipping) an image over a line.
13. _____ 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 ($A^2+B^2=C^2$).
14. _____ The original image before transformation.
15. _____ A flat two-dimensional surface that goes in all directions forever
16. _____ A measure of the steepness of a line on a graph.
17. _____ The side opposite the right angle. It is the longest side of a right triangle.
18. _____ A line that intersects two or more lines in a given plane.

A. transformation	B. plane	C. radical symbol
D. proof	E. sphere volume	F. congruent
G. hypotenuse	H. cone volume	I. Pythagorean Theorem
J. reflection	K. exterior angles	L. transversal
M. pre-image	N. image	O. translation
P. dilation	Q. slope	R. rotation