8th Grade CCSS Math Vocabulary Quiz 4

1. __ A line that intersects two or more lines in a given plane.
   A.image   B.transformation   C.transversal   D.sphere volume

2. __ The number of cubic units needed to fill a cone.
   A.exterior angles   B.cone volume   C.radical symbol   D.rotation

3. __ The original image before transformation.
   A.pre-image   B.reflection   C.sphere volume   D.cone volume

4. __ A transformation created proportionally by enlarging or reducing a figure.
   A.dilation   B.slope   C.rotation   D.transformation

5. __ A transformation made by turning or spinning a figure around a given point.
   A.translation   B.transversal   C.proof   D.rotation

6. __ A flat two-dimensional surface that goes in all directions forever
   A.plane   B.sphere volume   C.dilation   D.reflection

7. __ The symbol used to represent the non negative square root of a number.
   A.cone volume   B.exterior angles   C.hypotenuse   D.radical symbol

8. __ A transformation created by reflecting (flipping) an image over a line.
   A.dilation   B.plane   C.reflection   D.exterior angles

9. __ 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 ($A^2+B^2=C^2$).
   A.Pythagorean Theorem   B.sphere volume   C.reflection   D.rotation

10. __ Having the same size and shape.
    A.transversal   B.congruent   C.reflection   D.exterior angles

11. __ Moving a shape so that it is in a different position, but still has the same size, area angles, and line lengths.
    A.proof   B.dilation   C.image   D.transformation

12. __ A figure resulting from a transformation.
    A.image   B.proof   C.rotation   D.slope

13. __ A measure of the steepness of a line on a graph.
    A.radical symbol   B.reflection   C.cone volume   D.slope

14. __ The side opposite the right angle. It is the longest side of a right triangle.
    A.reflection   B.image   C.transformation   D.hypotenuse

15. __ The number of cubic units needed to fill a sphere.
    A.pre-image   B.sphere volume   C.exterior angles   D.translation

16. __ A convincing demonstration that a mathematical statement is true.
    A.slope   B.proof   C.reflection   D.translation

17. __ An angle formed outside a polygon by extending one of its sides.
    A.sphere volume   B.dilation   C.exterior angles   D.image

18. __ A transformation created by sliding an object.
    A.congruent   B.slope   C.translation   D.reflection