

8th Grade CCSS Math Vocabulary Quiz 1

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