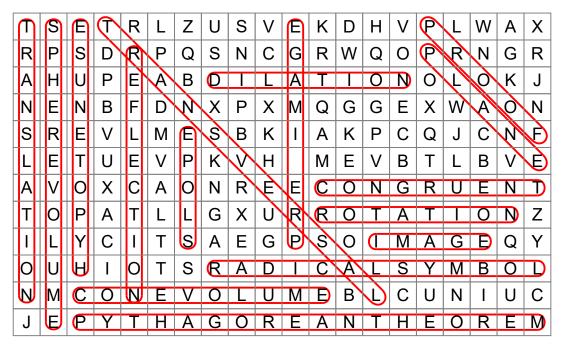
## 8th Grade CCSS Math Vocabluary Word Search 4

1. First, write the correct clue number to the left of each word in the Word Bank. Then, circle the words that have been hidden vertically, horizontally, and diagonally.



- 1. A line that intersects two or more lines in a given plane.
- 2. The original image before transformation.
- 3. The symbol used to represent the non negative square root of a number.
- 4. The number of cubic units needed to fill a sphere.
- 5. A measure of the steepness of a line on a graph.
- 6. A transformation created by sliding an object.
- 7. The number of cubic units needed to fill a cone.
- 8. A flat two-dimensional surface that goes in all directions forever
- 9. The side opposite the right angle. It is the longest side of a right triangle.

- 10. A transformation created proportionally by enlarging or reducing a figure.
- 11. A transformation created by reflecting (flipping) an image over a line.
- 12. A convincing demonstration that a mathematical statement is true.
- 13. Having the same size and shape.
- 14. A figure resulting from a transformation.
- 15. A transformation made by turning or spinning a figure around a given point.
- 16. 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  $(A^2+B^2=C^2)$ .

translation	radical symbol	congruent
slope	plane	cone volume
Pythagorean Theorem	dilation	transversal
rotation	proof	image
sphere volume	pre-image	reflection
hypotenuse		