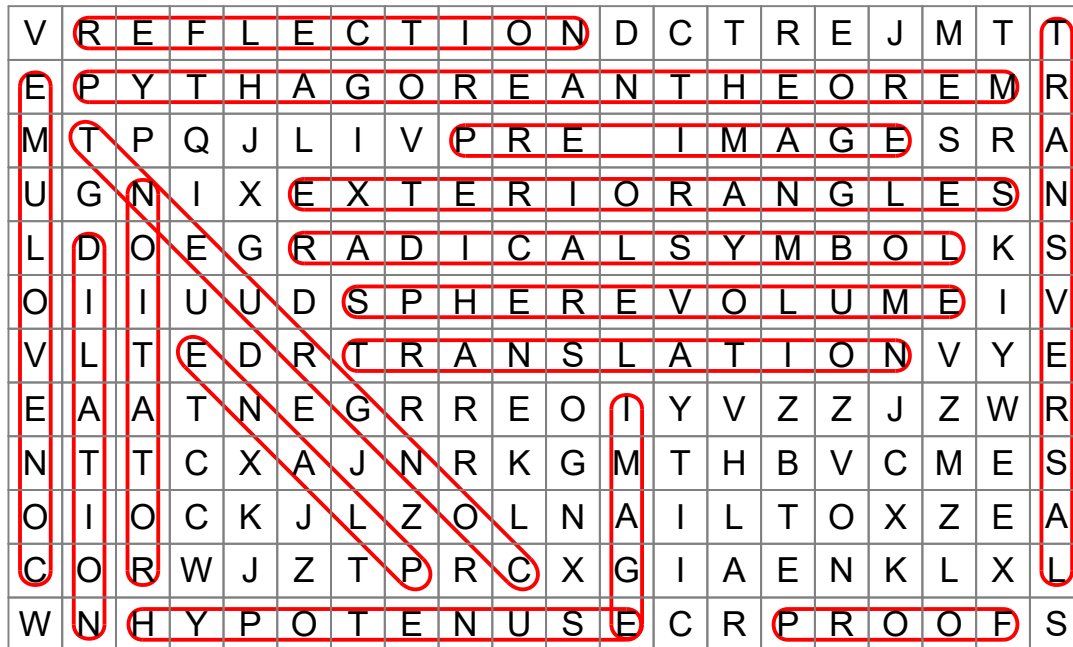# 8th Grade CCSS Math Vocabluary Word Search 7

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.*

V	R	E	F	L	E	C	T	I	O	N	D	C	T	R	E	J	M	T	T
E	P	Y	T	H	A	G	O	R	E	A	N	T	H	E	O	R	E	M	R
M	T	P	Q	J	L	I	V	P	R	E		I	M	A	G	E	S	R	A
U	G	N	I	X	E	X	T	E	R	I	O	R	A	N	G	L	E	S	N
L	D	O	E	G	R	A	D	I	C	A	L	S	Y	M	B	O	L	K	S
O	I	I	U	U	D	S	P	H	E	R	E	V	O	L	U	M	E	I	V
V	L	T	E	D	R	T	R	A	N	S	L	A	T	I	O	N	V	Y	E
E	A	A	T	N	E	G	R	R	E	O	I	Y	V	Z	Z	J	Z	W	R
N	T	T	C	X	A	J	N	R	K	G	M	T	H	B	V	C	M	E	S
O	I	O	C	K	J	L	Z	O	L	N	A	I	L	T	O	X	Z	E	A
C	O	R	W	J	Z	T	P	R	C	X	G	I	A	E	N	K	L	X	L
W	N	H	Y	P	O	T	E	N	U	S	E	C	R	P	R	O	O	F	S

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

radical symbol
hypotenuse
image
plane
translation
pre-image

transversal
Pythagorean Theorem
congruent
sphere volume
proof

exterior angles
reflection
rotation
dilation
cone volume