

8th Grade CCSS Math Vocabulary Word Search 13

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.

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

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

pre-image
proof
image
transversal
plane
radical symbol

exterior angles
Pythagorean Theorem
dilation
translation
rotation

slope
cone volume
reflection
transformation
congruent