

Symmetry and Transformations - word search

PUZZLE / DEFINITION WORKSHEET / SOLUTION

Find 12 words. Words can run in any of eight directions.

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

MIRROR

TRANSLATE

CENTER

CONGRUENT

REFLECT

SYMMETRY

ORIGIN

IMAGE

ROTATE

AXIS

INVARIANT

PREIMAGE

Symmetry and Transformations - word search

PUZZLE / DEFINITION WORKSHEET / SOLUTION

VOCABULARY CLUES / Use the word bank on page 1.

1. A reflecting surface or reflection reference

2. To produce a mirror image across a line or plane

3. To turn around a fixed center or axis

4. To move every point by the same displacement

5. Agreement of a figure with a transformed version

6. A reference line for rotation or reflection

7. A fixed point around which a rotation occurs

8. The zero reference point of coordinates

9. Unchanged under a specified transformation

10. Equal in shape and size

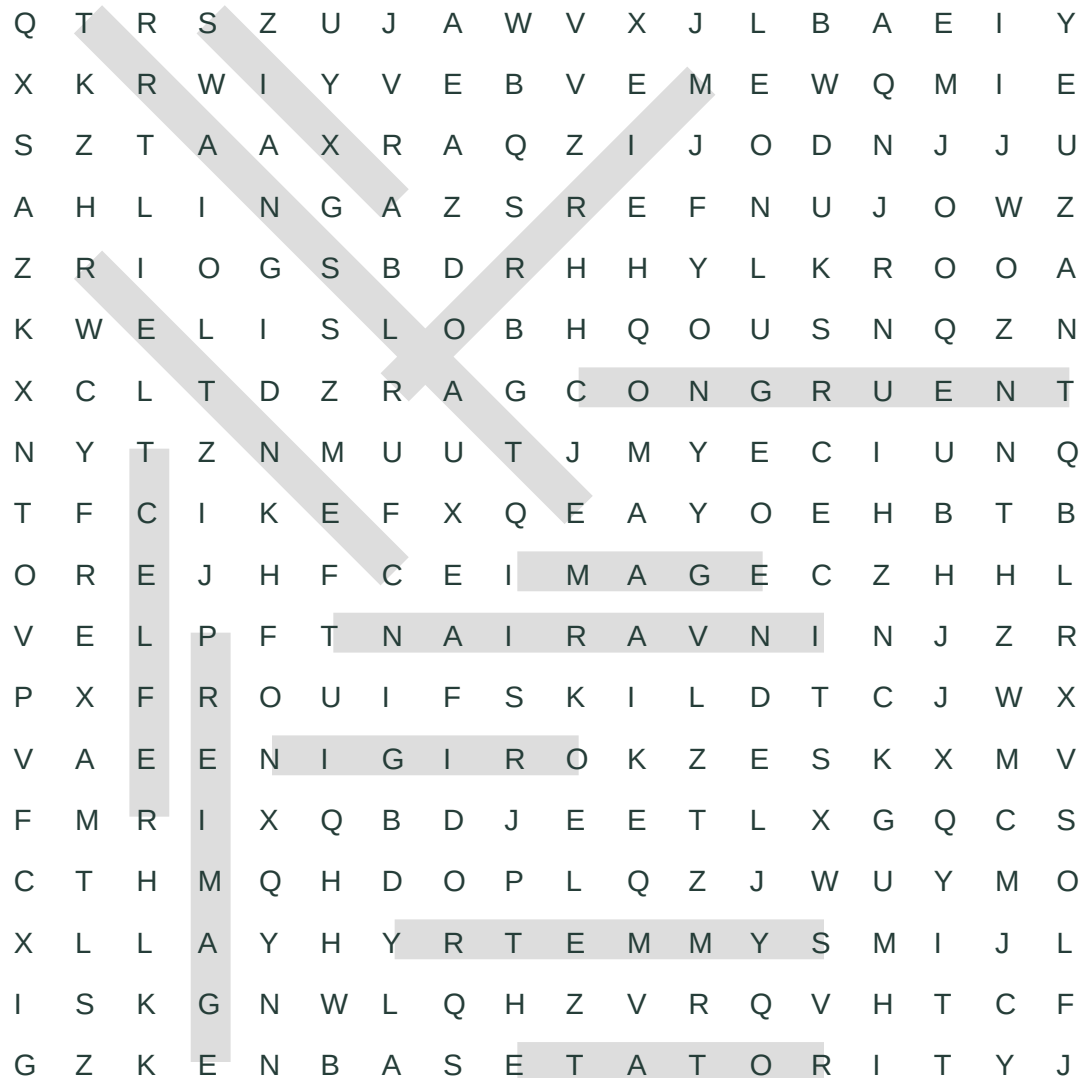
11. The resulting figure after a transformation

12. The original figure before a transformation

Symmetry and Transformations - word search

PUZZLE / DEFINITION WORKSHEET / SOLUTION

SOLUTION / words marked in gray



MIRROR

REFLECT

ROTATE

TRANSLATE

SYMMETRY

AXIS

CENTER

ORIGIN

INVARIANT

CONGRUENT

IMAGE

PREIMAGE