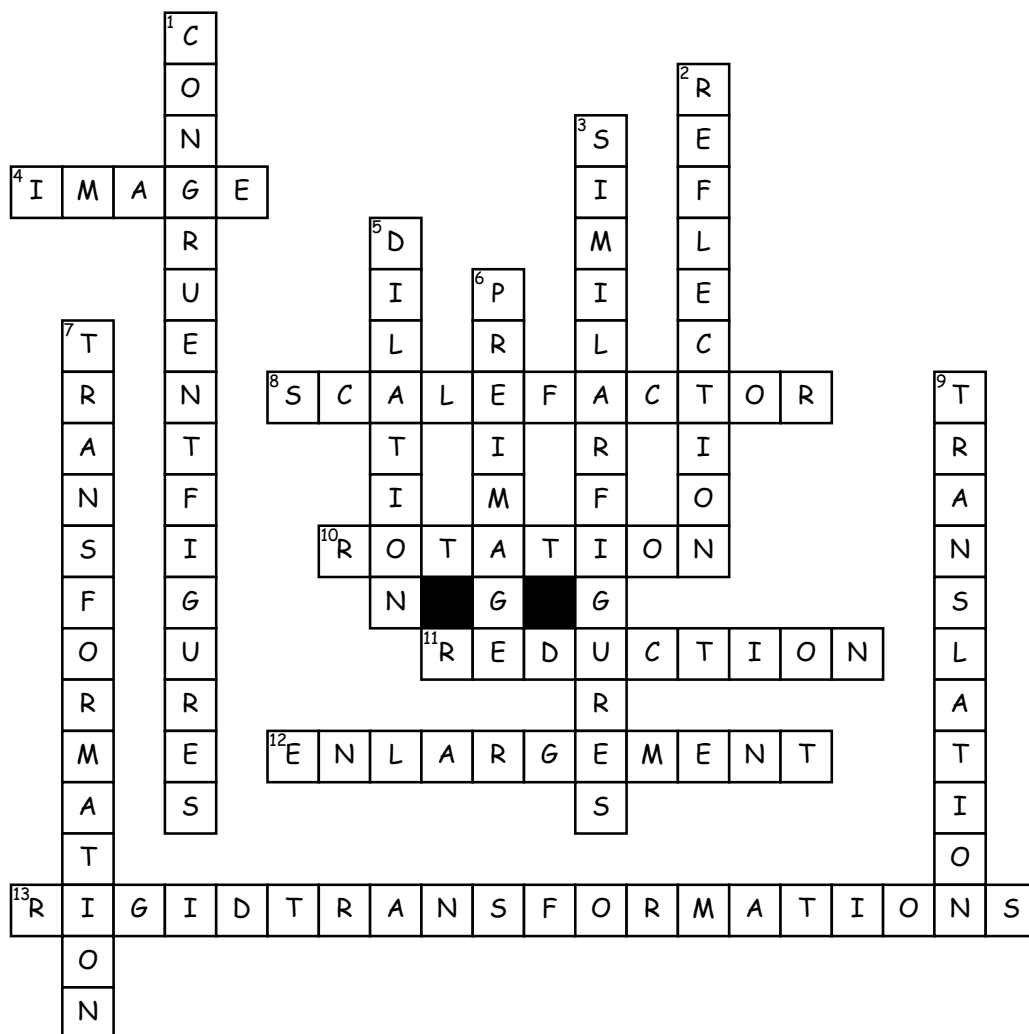


# Transformations Crossword Puzzle



## Across

4. The figure created by making a transformation.
8. The multiple used to enlarge or reduce a dilation.
10. Turns a figure around a point.
11. A dilation that makes an image that is the same shape but smaller than the pre-image.
12. A dilation that makes an image that is the same shape but larger than the pre-image.

13. Movements that do not change the size or shape of the object moved. Make congruent figures.

## Down

1. FIGures with the exact same angle measures and side lengths.
2. Produces a mirror image of a figure by flipping it over a line.
3. Figures with the same angle measures and corresponding sides are proportional.

5. Changes the size of a figure, but not its shape.

6. The original figure before a transformation is made.

7. A change in the position or size of a shape on the coordinate plane.

9. Every point in a figure moves the same distance in 1 or 2 directions on the coordinate plane, also called a slide.

## Word Bank

reflection

translation

dilation

transformation

congruent figures

rotation

scale factor

reduction

rigid transformations

similar figures

enlargement

image

pre-image