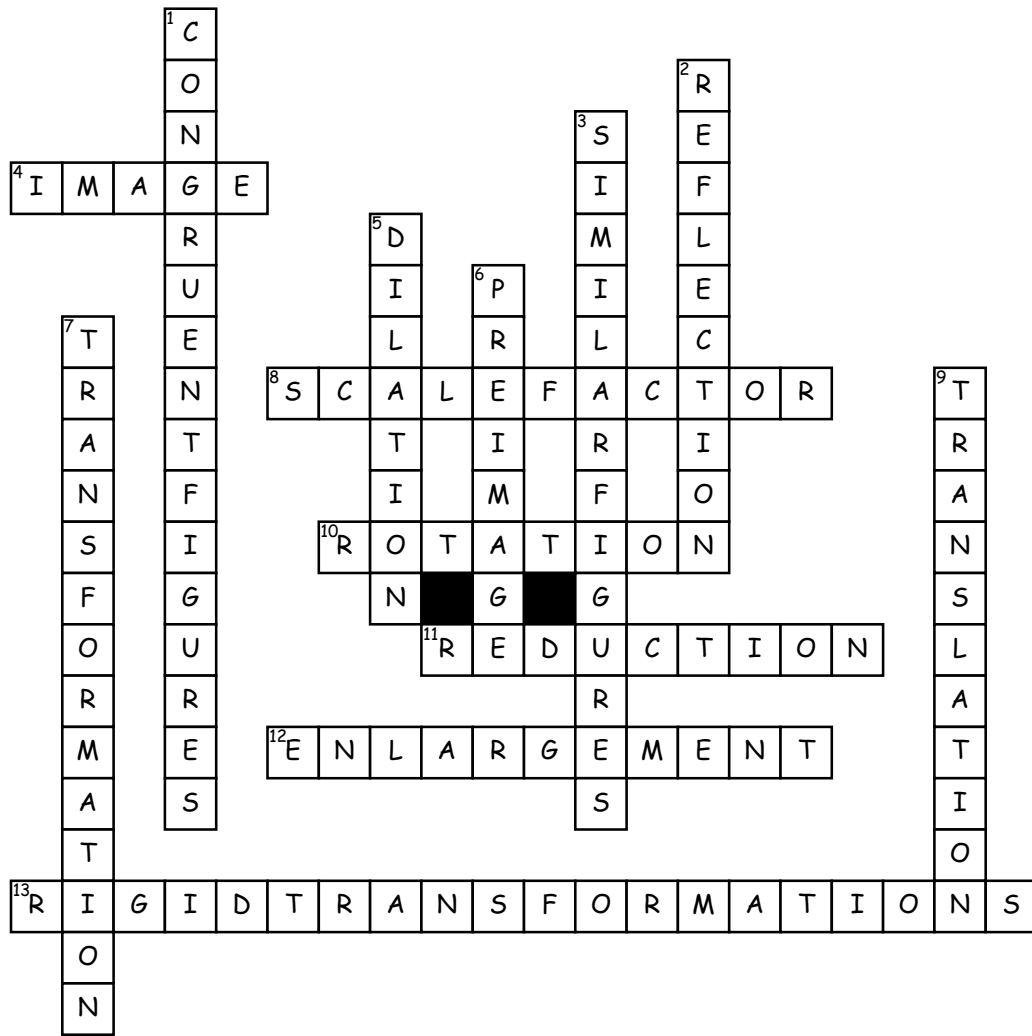


Transformations Crossword Puzzle



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

- | | | | |
|-----------------|-----------------------|-------------|-------------------|
| pre-image | dilation | enlargement | image |
| similar figures | translation | reduction | congruent figures |
| transformation | rigid transformations | reflection | scale factor |
| rotation | | | |