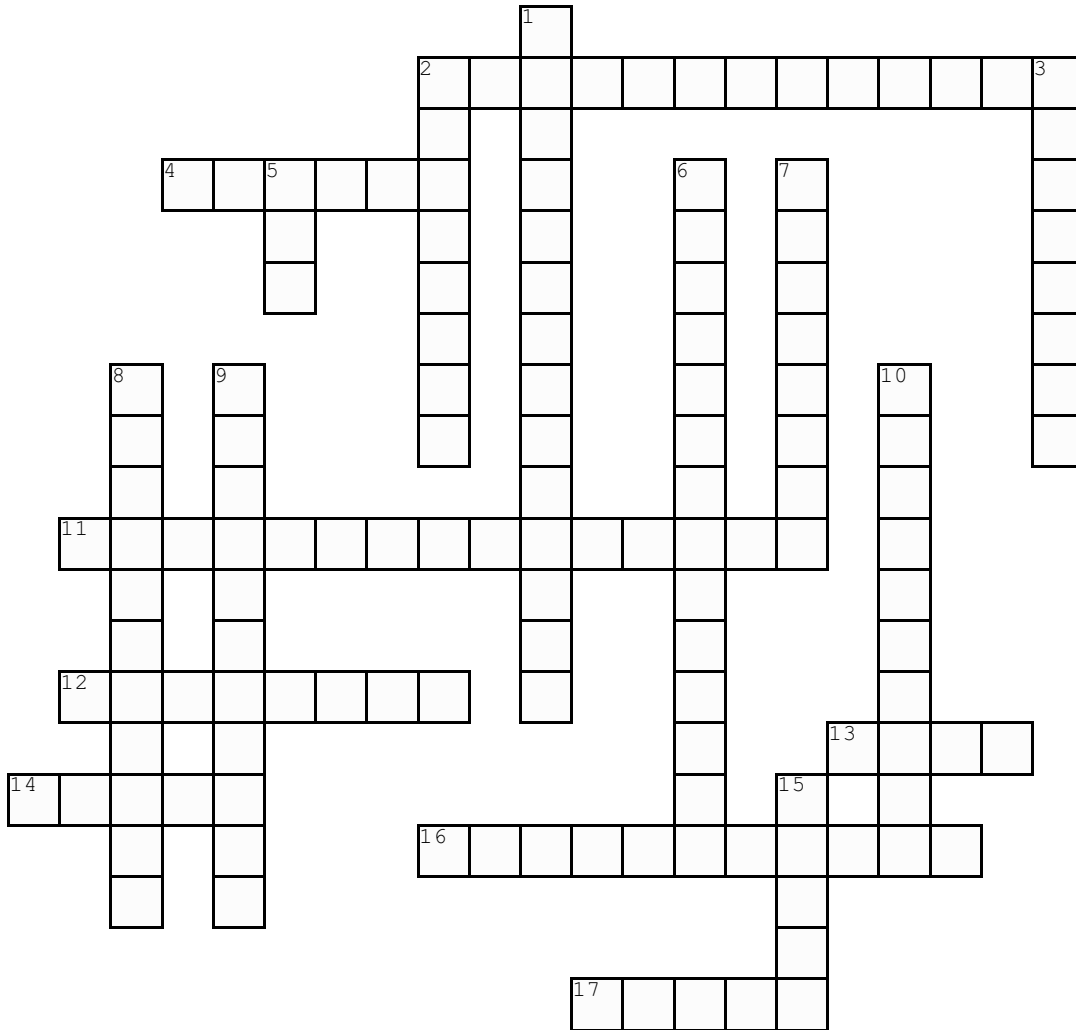


Name: _____

Transformation Vocabulary

Complete the crossword below Period: _____ Date: _____



Horizontal

- 2.** Two lines that intersect to form right angles.
- 4.** The set of all points equidistant from a point in a plane
- 11.** The amount of rotation of a figure about a fixed point such as the origin
- 12.** Two lines that lie in the same plane and do not intersect
- 13.** An infinite set of points with no thickness and its length continues in two opposite directions indefinitely
- 14.** An undefined geometric term that represent a location
- 16.** A part of a line between two points on the line
- 17.** A figure created by two distinct rays that share a common endpoint

Vertical

- 1.** The mapping, or movement, of all points of a figure in a plane according to a common operation.
- 2.** A figure before a transformation has taken place
- 3.** A transformation that turns a figure about a fixed point through a given angle and a given direction.
- 5.** A part of a line that begins at a point and continues forever in one direction
- 6.** A line that acts as a mirror so that corresponding points are the same distance from the mirror
- 7.** A transformation that changes the size of a figure, but not the shape.
- 8.** A transformation that slides each point of a figure that same distance in the same direction
- 9.** The ratio of any two corresponding lengths of the sides of two similar figures.
- 10.** A transformation of a figure that creates a mirror image, 'flips,' over a line
- 15.** The result of a transformation