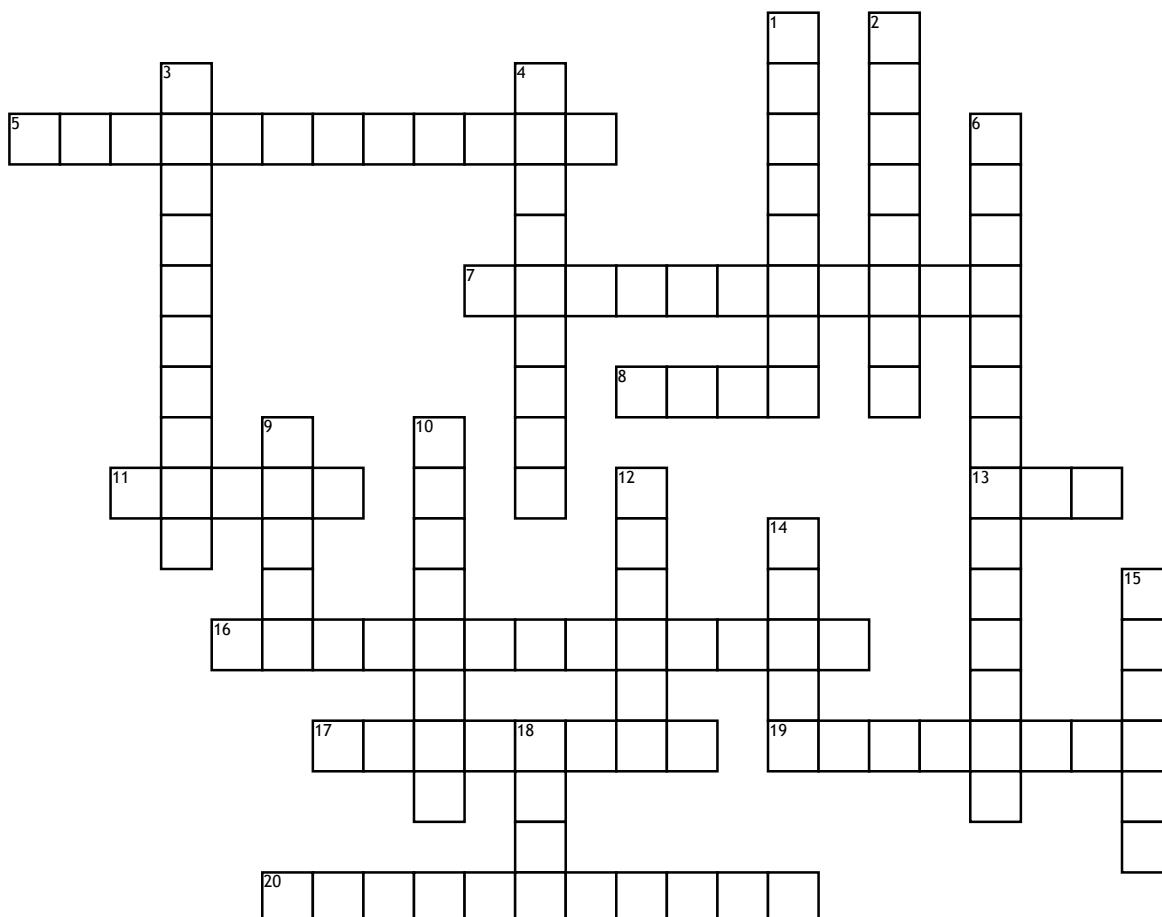# Unit 5 Vocabulary Puzzle

Across
5. The point at which two or more lines intersect or cross.
7. A transformation that slides each point of a figure the same distance in the same direction.
8. A line that acts as a mirror so that corresponding points are the same distance from the mirror. reflection
11. One of the basic undefined terms of geometry that represents a location. A dot is used to symbolize it and it is thought of as having no length, width or thickness.
13. A part of a line that begins at a point and continues forever in one direction.
16. Two lines that intersect to form right angles.
17. Two lines that lie in the same plane and do not intersect.

19. The point at each end of a line segment or at the beginning of a ray.
20. A part of a line between two points on the line.
Down
1. A figure before a transformation has taken place.
2. A transformation that turns a figure about a fixed point through a given angle and a given direction, such as 90° clockwise.
3. A transformation of a figure that creates a mirror image, "flips," over a line.
4. Having the same size, shape and measure.
6. The mapping, or movement, of all points of a figure in a plane according to a common operation, such as translation, reflection or rotation.

9. A figure created by two distinct rays that share a common endpoint (also known as a vertex).
10. A distance-preserving map of a geometric figure to another location using a reflection, rotation or translation.
12. The set of all points equidistant from a point in a plane called the center.
14. The result of a transformation.
15. The location at which two lines, line segments or rays intersect.
18. One of the undefined terms of geometry that represents an infinite set of points with no thickness and its length continues in two opposite directions indefinitely.