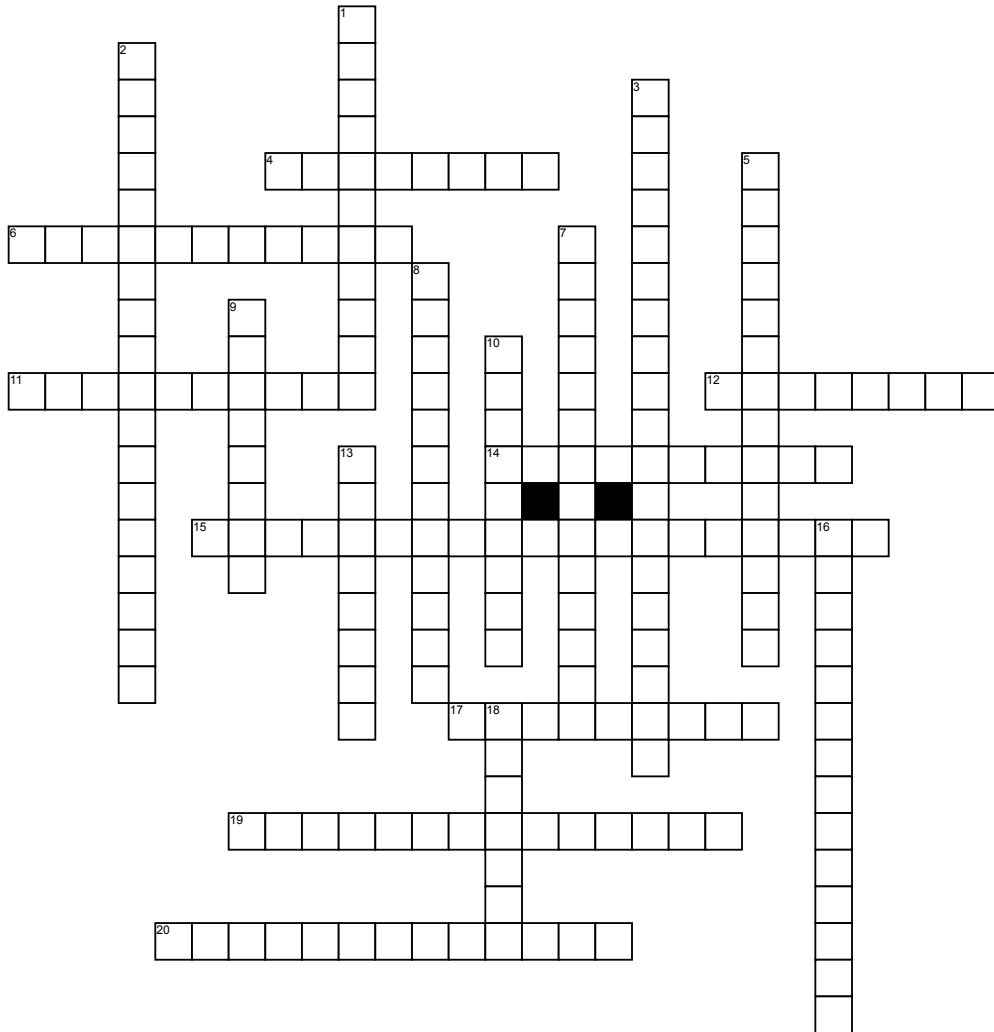


# Geometry



## Across

4. cuts a shape into two equal parts  
 6. all sides are equal to each other  
 11. rigid transformation in which the preimage is flipped across a line of reflection to create the image  
 12. on the same plane  
 14. are adjacent angles formed by two intersecting lines and equals 180  
 15. Angles sum that equals to 90 degrees  
 17. two sides are equal to each other  
 19. each of the pairs of opposite angles made by two intersecting lines

20. every part has a matching part. the same distance from the central point. but in the opposite direction

## Down

1. a function that moves an object a certain distance  
 2. an object is rotated around a center point (turned) a number of degrees and the object appear the same  
 3. Angles sum that equals 180 degrees  
 5. the angle between adjacent sides of a rectilinear figure  
 7. have a common side and a common vertex (corner point) and don't overlap, next to each other

8. imaginary line where you could fold the image and have both halves match exactly

9. transformation that turns a figure about a fixed point called the center of rotation  
 10. Three or more points are said to be collinear if they lie on a single straight line  
 13. transformation that produces an image that is the same shape as the original, but is a different size  
 16. the angle between the side of a rectilinear figure and an adjacent side extended outward  
 18. all sides are not equal to each other

## Word Bank

- |                      |                 |                 |                      |
|----------------------|-----------------|-----------------|----------------------|
| Exterior Angles      | Coplanar        | Equilateral     | Bisector             |
| Adjacent Angles      | Vertical Angles | Reflection      | Line symmetry        |
| Translation          | Collinear       | Interior Angles | Rotational Symmetry  |
| Supplementary Angles | Point Symmetry  | Scalene         | Rotation             |
| Dilation             | Isosceles       | Linear pair     | Complementary Angles |