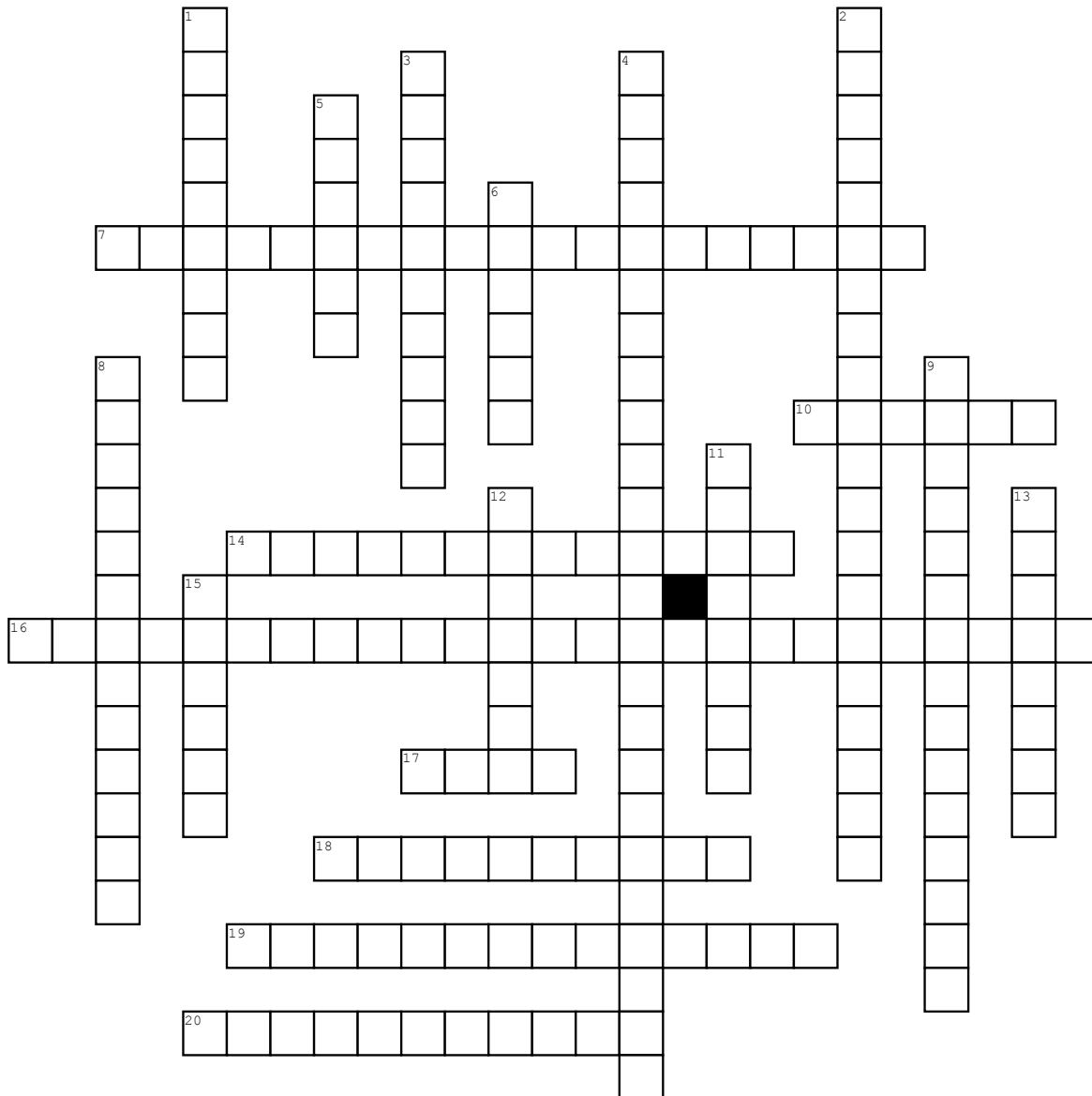


Geometry



Across

7. a triangle with all sides equal and all angles equal
 10. a closed plane curve consisting of all points at a given distance from a point within it called the center
 14. a quadrilateral having both pairs of opposite sides parallel to each other
 16. two line segments which cross to form 90 degree angles
 17. a continuous extent of length
 18. a 90 degree angle
 19. The midline theorem states that a midline of a triangle creates a segment that is parallel to the base and half as long.

20. one part of a line

Down

1. Two figures are congruent if all corresponding lengths are the same, and if all corresponding angles have the same measure. Colloquially, we say they "are the same size and shape," though they may have different orientation. (One might be rotated or flipped compared to the other.)
 2. line segments that do not intersect
 3. an angle less than 90 degrees but greater than 0 degrees
 4. line segments that cross each other
 5. a rectangle having all four sides of equal length

6. a straight line extending from the center of a circle or sphere to the circumference or surface
 8. a triangle with one internal angle equal to 90 degrees
 9. a triangle having three unequal sides and angles
 11. a straight line passing through the center of a circle or sphere and meeting the circumference or surface at each end
 12. a polygon having six sides and six angles
 13. a polygon with 5 sides and 5 angles
 15. the intersection point of two sides of a plane figure