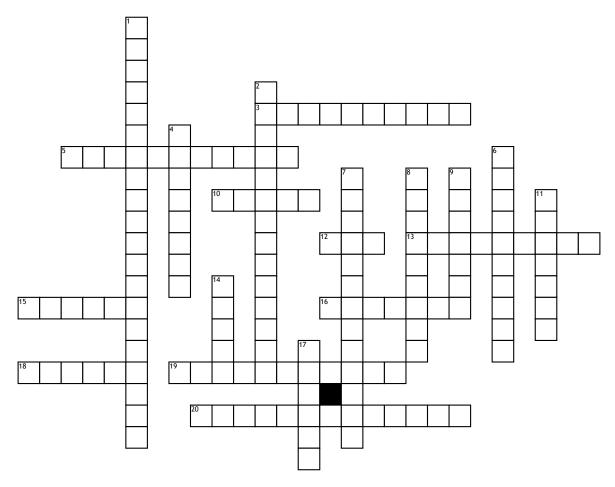# geometry crossword

Across

3. a triangle with one internal angle equal to 90 degrees

5. one part of a line

10. the line segment between two points on a given curve

12. the part of a straight line considered as originating at a point on the line and as extending in one direction from that point

13. a quadrilateral plane figure having two parallel and two nonparallel sides

15. a rectangle having all four sides of equal length

16. a polygon having six sides and six angles

18. a closed plane curve consisting of all points at a given distance from a point within it called the center

19. an angle greater than 90 degrees but less than 180 degrees

20. a polygon with four sides

Down

1. line segments that do not intersect

2. translations , rotations reflections, are all

4. a polygon with 5 sides and 5 angles

6. an angle less than 90 degrees but greater than 0 degrees

7. a quadrilateral having both pairs of opposite sides parallel to each other

8. a parallelogram having four right angles

9. a polygon having eight angles and eight sides

11. an equilateral parallelogram having oblique angles

14. a position in space

17. a straight line extending from the center of a circle or sphere to the circumference or surface