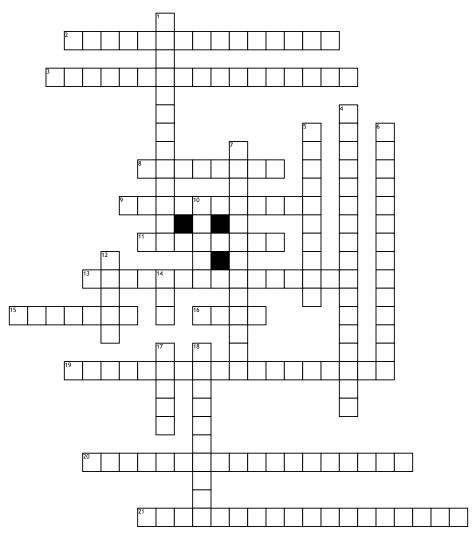# Geometry Crossword

Across
2. points that lie on the same line.

3. points that do not lie on the same plane.

8. Branch of mathematics that deals with points, lines, planes and solids and examines the properties.

9. angle whose measure is greater than 90 degrees but less than 180 degrees.

11. the figure formed by three segments joining three noncollinear points. Each of the three points is a vertex of the triangle and the segments are the sides.

13. angles that have the same measure.

15. part of a line that consists of two points called endpoints and all points between them.

16. set of points which has infinite length but no width or height. A line is named by a lower case letter or by any two points on the line.

19. points that do not lie on the same line.

20. a point that divides the segment into two congruent segments.

21. line, ray segment, or plane that divides a segment into two congruent segments.

Down
1. ray that divides an angle into two congruent adjacent angles.

4. segments that have the same length.

5. angle whose measure is between 0 degrees and 90 degrees.

6. points that lie on the same plane.

7. angle whose measure is 180 degrees.

10. set of all points.

12. Has no size; length,width, or height. It is represented by a dot and named by a capital letter.

14. is the part of a line that contains an endpoint and all points extending in the other direction.

17. set of points that has infinite length and width but no height. We name a plane with a capital letter.

18. angle whose measure is 90 degrees.

Word Bank
Segment	Space	Acute angle	Congruent segments
Triangle	Plane	Line	Ray
Noncollinear points	Obtuse angle	Noncoplanar points	Angle bisector
Congruent angles	Coplanar points	Straight angle	Right angle
Point	Bisector of a segment	Collinear points	Midpoint of a segment
Geometry			