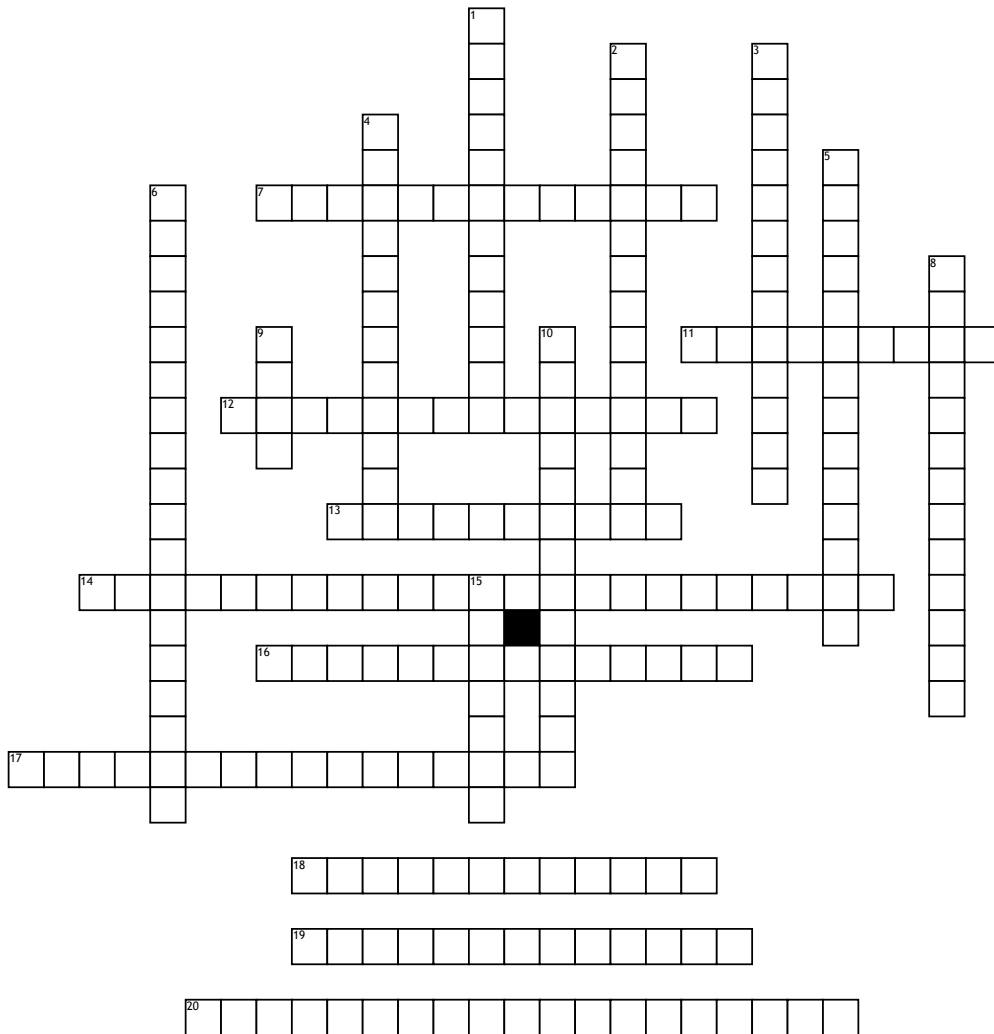# geometry crossword

Across

7. A similarity that have 3 sides in proportion

11. The action of being made wider,larger,or more open

12. When two secant lines intersect in a circle

13. The longest side of a triangle

14. a pair of angles on the outer sides

16. I am a positive acute angle and I can represent an angle of any measure

17. the angle which the incident or ray makes with a perpendicular

18. The two lines that meet at a polygon vertex

19. if my two sides are parallel my _____ sides are equal

20. Using measurements to find an unknown length or distance in similar figures

Down

1. The side across from the Hypotenuse

2. Each pairs of opposite angles made by two intersecting lines

3. Showing two proportional sides on a triangle and one angle

4. If two pairs of corresponding angles are congruent

5. Two figures with the same shape

6. State that the 3 sides of any triangle add up to 180

8. The central number in a geometric progression

9. equal to the ratio of the side opposite a given angle

10. Triangles are congruent if any two angles and their included sides are equal in both triangles

15. straight line that touches a curved surface at one point

Word Bank

Triangle sum theorem	Tangent	Inscribed Angle	Hypotenuse
Adjacent Side	SAS Similarity	Indirect measurement	Opposite Side
Similar Figures	SSS Similarity	corresponding	Geometric Mean
ASA Congruence	Reference angle	Alternate Exterior Angles	Vertical Angles
Dialation	Sine	AA Similarity	Angle of incidence