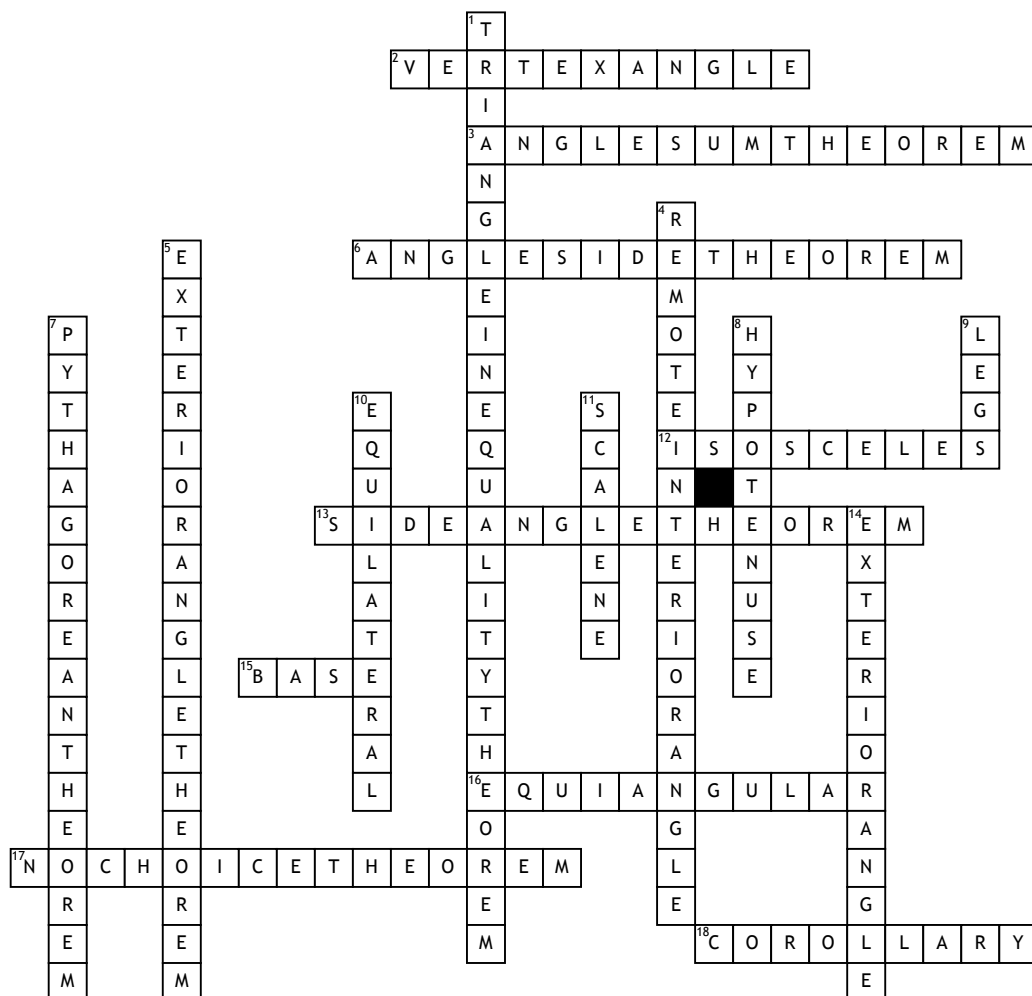


Triangle Properties Crossword Puzzle



Across

2. Angle between 2 congruent sides in an isosceles triangle
 3. Sum of measure of angles of a triangle is 180° (Theorem)
 6. If one side of a triangle is larger than another angle, then the side opposite the larger angle is longer than the side opposite the smaller angle. (Theorem)
 12. Term used to classify a triangle with at least one two congruent sides
 13. If one side of a triangle is longer than another side, then the angle opposite the longer side is larger than the angle opposite the shorter side, (Theorem)
 15. noncongruent side of an isosceles triangle

Word Bank

Base
 Angle Sum Theorem
 Side Angle Theorem
 Exterior angle
 Pythagorean Theorem
 Equiangular

16. Term used to classify a triangle with all congruent angles
 17. If two angles of a triangle congruent to two angles of another triangle, then the 3rd angle of the triangles are congruent. (Theorem)
 18. Term used to describe acute angles of right triangles that are complementary
Down
 1. Sum of lengths of any two sides of triangle is greater than the length of the 3rd side. (Small + medium > large) (Theorem)
 4. An angle inside a triangle that is not adjacent to the exterior angle
 5. The measure of the exterior angle of a triangle is equal to the sum of the measures of the 2 remote interior angles. (Theorem)

Equilateral
 Remote Interior angle
 No Choice Theorem
 Scalene
 Angle Side Theorem
 Vertex angle

7. Its used to find the length of a side of a right triangle when the lengths of the other two sides are known. (Theorem)wn
 8. The longest side, opposite of the right angle in a right triangle
 9. Two congruent sides in an isosceles triangle that are the two shortest sides forming a right angle
 10. Term used to classify a triangle with all three congruent sides
 11. Term used to classify a triangle with no congruent sides
 14. Its formed by one side of the triangle and extension of an adjacent side

Exterior Angle Theorem
 Hypotenuse
 Legs
 Corollary
 Isosceles
 Triangle Inequality Theorem