

Triangles

Triangles have special properties that distinguish them from other polygons. Match each term in the word box to its definition.

triangle	isosceles	scalene	acute	equiangular
obtuse	right	hypotenuse	altitude	legs
base	equilateral			

- 1 _____ This describes a triangle with interior angles that each measure less than 90° .
- 2 _____ This is the name for a polygon with three sides.
- 3 _____ Also known as height, this is shown with a line segment drawn from a vertex and perpendicular to the opposite side or to the line containing the opposite side.
- 4 _____ This is a triangle with exactly one interior angle that measures more than 90° .
- 5 _____ This is a triangle that has no congruent sides.
- 6 _____ Found in a right triangle, this is the side opposite the right angle.
- 7 _____ This describes a triangle in which all of the angles are the same measure.
- 8 _____ These describe two congruent sides of an isosceles triangle or two sides of a right triangle that form the right angle.
- 9 _____ This describes a triangle with one interior angle that measures exactly 90° .
- 10 _____ This describes the noncongruent side of an isosceles triangle that is not also an equilateral triangle.
- 11 _____ This is a triangle with two congruent sides.
- 12 _____ This is a triangle in which all sides are the same length.