

Geometry

Common Geometric Shapes

Quadrilaterals – two dimensional shapes with four sides and four corner angles

Parallelogram – a quadrilateral with two sets of parallel sides



Rectangle – opposite sides are parallel and of equal length. All four corners are 90 degrees.



Square – All sides are parallel and of equal length. All corners are 90 degrees



Rhomboid – adjacent sides are not equal and angles are greater than or less than 90 degrees. Opposite angles are equal.



Triangle – a three sided shape with three corners

Equilateral triangle – all three sides and angles are equal (If you cut an equilateral triangle in half you will make two right triangles)



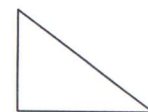
Isosceles triangle – two angles are equal and two sides are equal



Scalene – all sides and angles are unequal



Right Triangle – one of three angles is 90 degrees. The side opposite the right angle is called the hypotenuse



Oblique Triangles – all angles are greater than or less than 90 degrees

Obtuse – one of the angles is greater than 90 degrees

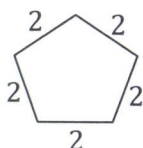


Acute – all of the angles are less than 90 degrees



Perimeter – add up the total length for all sides of a shape

Ex: $2 + 2 + 2 + 2 + 2 = 2 \times 5 = 10$



$5 + 7 + 9 = 21$

