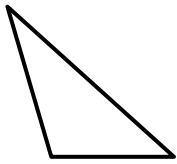
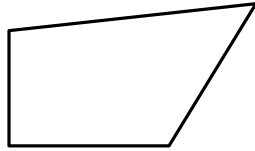


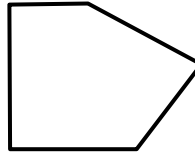
Common Polygons



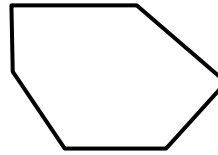
triangle
3 sides



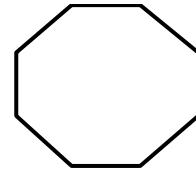
quadrilateral
4 sides



pentagon
5 sides



hexagon
6 sides

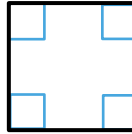


octagon
8 sides

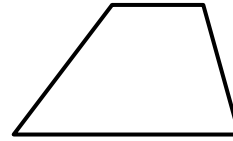
Quadrilaterals That Have Special Names



A **rectangle** has opposite sides parallel and four right angles.



A **square** has four sides of the same length and four right angles.



A **trapezoid** has only one pair of parallel side.



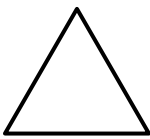
A **parallelogram** has opposite sides parallel and of the same length.



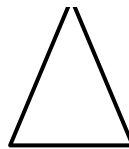
A **rhombus** has opposite sides parallel and four sides of the same length.

Different Ways to Classify Triangles

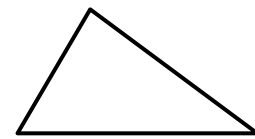
You can classify triangles by the lengths of their sides.



Equilateral Triangle
All sides are the same length.

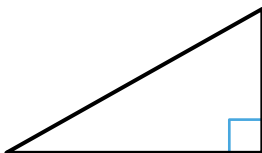


Isosceles Triangle
At least two sides are the same length.

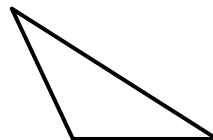


Scalene Triangle
No sides are the same length.

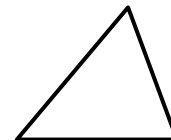
You can classify triangles by the sizes of their angles.



Right Triangle
One angle is a right angle.



Obtuse Triangle
One angle is an obtuse angle.



Acute Triangle
All angles are acute angles.