**QUADRILATERALS**

**A quadrilateral is any closed shape with 4 sides. All the following shapes are quadrilaterals.**

**Trapezoid**

* A trapezoid has exactly **one** pair of opposite sides parallel.
* An **isosceles trapezoid** has one pair of parallel sides and the other pair is congruent (same length).



**Parallelogram**

* Opposite sides of a parallelogram are [parallel](http://www.mathsteacher.com.au/year7/ch08_angles/06_par/lines.htm) and congruent (same length).



**Rhombus**

* All sides of a rhombus are congruent (same length).
* Opposite sides are also [parallel](http://www.mathsteacher.com.au/year7/ch08_angles/06_par/lines.htm).



**Rectangle**

* Opposite sides of a rectangle are [parallel](http://www.mathsteacher.com.au/year7/ch08_angles/06_par/lines.htm) and congruent (same length).
* All [angles](http://www.mathsteacher.com.au/year7/ch08_angles/01_ang/ang.htm#right) are right angles (equal to 90°).



**Square**

* Opposite sides of a square are [parallel](http://www.mathsteacher.com.au/year7/ch08_angles/06_par/lines.htm) and all sides are congruent (same length).
* All [angles](http://www.mathsteacher.com.au/year7/ch08_angles/01_ang/ang.htm#right) are right angles (equal to 90°).

