



Each figure has every property of the figure it descended from; these figures are connected by solid arrows. For example:

Every Quadrilateral has: 1.) Four sides, 2.) Four angles, 3.) 360° inside, and 4.) Two diagonals.

Every Parallelogram has: 1.) All of the quadrilateral properties, plus 2.) Two pair of parallel sides, 3.) Opposite sides =, 4.) Opposite angles =, 5.) Diagonals bisect each other, 6.) Each diagonal forms two = triangles, 7.) Any two consecutive angles are supplementary.

Each Rhombus has: 1.) All the parallelogram properties, plus 2.) Four congruent sides, 3.) Diagonals bisect the angles, and 4.) Diagonals are perpendicular (as they are in kites).

Each Rectangle has: 1.) All the parallelogram properties, plus 2.) Four congruent angles, and 3.) Congruent diagonals (They share this property with Isosceles Trapezoids).

Each Square has: 1.) All properties of the Rhombus, and 2.) All properties of the Rectangle.

Figures connected by dotted lines share some basic properties in the same sense that some cousins will have similar features but are not linearly descended from one another.