

Quadrilateral	Definition	Other properties of sides and angles	Diagonals:			
			Same length	Cross at right angles	Cross at midpoints	Bisect angles
Parallelogram	Quadrilateral with opposite sides parallel	Opposite sides congruent Opposite angles congruent	NO	NO	YES	NO
Rectangle	Quadrilateral with four right angles	All properties of parallelogram and all right angles	YES	NO	YES	NO
Rhombus	Quadrilateral with four congruent sides	All properties of parallelogram and kite	NO	YES	YES	YES
Square	Regular quadrilateral	All properties of rectangle, kite, and rhombus	YES	YES	YES	YES
Trapezoid	Quadrilateral with at least one pair of parallel sides	Includes all parallelograms	NO	NO	NO	NO
Isosceles trapezoid	Trapezoid with congruent non-parallel sides	Two pairs of congruent angles	YES	NO	NO	NO
Kite	Quadrilateral with two pairs of adjacent sides congruent	One pair of opposite angles congruent	NO	YES	ONLY ONE	ONLY ONE