











## Describing Quadrilaterals

	Name	Description of Sides	Description of Angles	Interesting Information
	Quadrilateral	Any 4-sided polygon	Can have no equal side and no equal angles	A polygon is any closed plane shape with straight sides.
	Square	4 equal sides 2 sets of parallel sides	4 right angles	A square is a special type of rectangle, rhombus, and parallelogram.
	Rectangle	2 sets of parallel sides	4 right angles	A rectangle is a type of parallelogram.
	Rhombus	4 equal sides 2 sets of parallel sides	Opposite angles are equal	A rhombus is an irregular polygon. Even though the sides are equal, the angles are not.
	Parallelogram	2 sets of equal parallel sides	Opposite angles are equal	Squares, rectangles, and rhombi are all parallelograms.
	Trapezoid	1 set of parallel sides	Can have no equal angles	There are 2 named types of trapezoids (isosceles and right)
	Isosceles Trapezoid	1 set of parallel sides	Adjacent angles are equal	An isosceles trapezoid looks like the bottom half of an isosceles triangle.
	Right Trapezoid	1 set of parallel sides	2 right angles, 1 acute angle, 1 obtuse angle	A right trapezoid is the only type of quadrilateral with exactly 2 right angles.
	Kite	Adjacent sides are equal	2 sets of opposite congruent angles 2 sets of incongruent angles	Adjacent means next to or nearby. A kite can have 1 right angle.
	Dart	Adjacent sides are equal	2 sets of congruent angles 2 sets of incongruent angles	A dart is a kind of kite. A kite is convex and a dart is concave.