

Properties of Quadrilaterals

Property	Parallel- ogram	Rectangle	Rhombus	Square	Kite	Trapezoid	Isosceles Trapezoid
Opposite Sides are Parallel							
Opposite Sides are Congruent							
Opposite Angles are Congruent							
Diagonals Bisect Each Other							
Diagonals are Congruent							
Diagonals are Perpendicular							
Diagonals Bisect Opposite Angles							
All Angles are Right Angles							
All Sides are Congruent							
Consecutive Angles are Supplementary							
Opposite Sides are Not Congruent or Parallel							
Base Sides are Parallel							
Legs are Congruent							
Base Angles are Congruent							

Properties of Quadrilaterals

Property	Parallel- ogram	Rectangle	Rhombus	Square	Kite	Trapezoid	Isosceles Trapezoid
Opposite Sides are Parallel	X	X	X	X			
Opposite Sides are Congruent	X	X	X	X			
Opposite Angles are Congruent	X	X	X	X			
Diagonals Bisect Each Other	X	X	X	X			
Diagonals are Congruent		X		X			X
Diagonals are Perpendicular			X	X	X		
Diagonals Bisect Opposite Angles			X	X			
All Angles are Right Angles		X		X			
All Sides are Congruent			X	X			
Consecutive Angles are Supplementary	X	X	X	X			
Opposite Sides are Not Congruent or Parallel					X		
Base Sides are Parallel						X	X
Legs are Congruent							X
Base Angles are Congruent							X