

PROPERTIES of QUADRILATERALS

Put an X in the box if the shape *always* has the given property.

PROPERTY	//-gram	RECTANGLE	RHOMBUS	SQUARE	KITE	TRAPEZOID	ISOSCELES TRAPEZOID
All sides are \cong . <i>Equilateral</i>			X	X			
Four pairs of consecutive angles supplementary.	X	X	X	X			
Both pairs of opp. sides are \cong .	X	X	X	X			
Both pairs of opp. sides are //.	X	X	X	X			
Exactly one pair of opp. sides are //.						X	X
All \angle s are \cong .		X		X			
Exactly one pair of opp. \angle s are \cong .					X		
Diagonals are \perp .			X	X	X		
Diagonals are \cong .		X		X			X
Diagonals bisect each other.	X	X	X	X			
Diagonals are not equal. \cong	X		X		X	X	
Only one diagonal bisects the opp. angles.					X		
Diagonals make four 45-45-90 triangles.				X			
Diagonals do not bisect each other. ?						X	X
Only 2 pairs of consecutive angles are supplementary.						X	X
Only two pairs of consecutive sides are equal.					X		