Name: _____ Date: _____ Period: _____

Properties of Diagonals of Quadrilaterals

Property	Parallelogram	Rectangle	Rhombus	Square	Kite	Trapezoid	Isosceles Trapezoid
1. Both pairs of opposite sides are parallel	X	X	X	X			
2. Exactly 1 pair of opposite sides are parallel						X	X
3. Diagonals are perpendicular			X	X	X		
4. Diagonals are equal		X		X			X
5. Diagonals bisect each other	X	X	X	X			
6. Both pairs of opposite sides are equal	X	X	X	X			
7. Exactly 1 pair of opposite sides are equal							X
8. All sides are equal			X	X			
9. Both pairs of opposite angles are equal	X	X	X	X			
10. Exactly one pair of angles are equal					X		X
11. All angles are equal		X		X			
12. A Diagonal bisects 2 angles			X	X	X		
13. A diagonal forms 2 congruent triangles	X	X	X	X	X		