Geometry
Period _____

Name Key

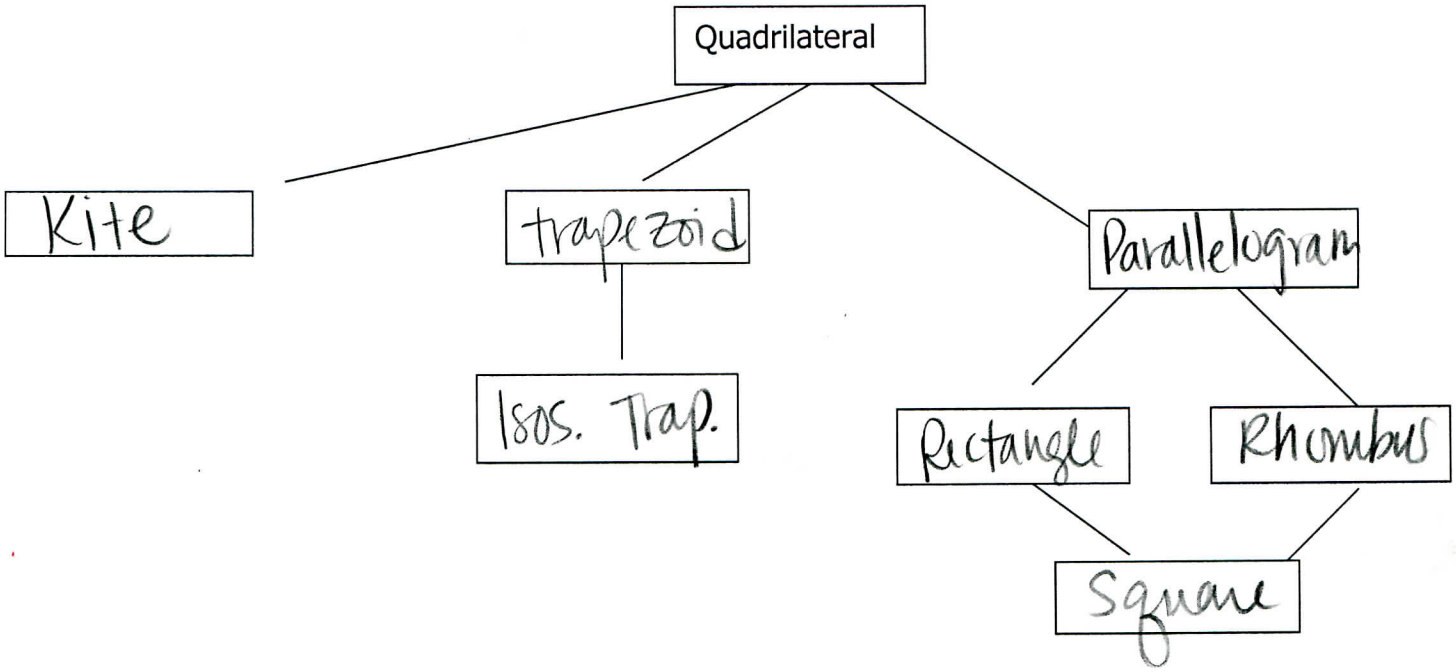
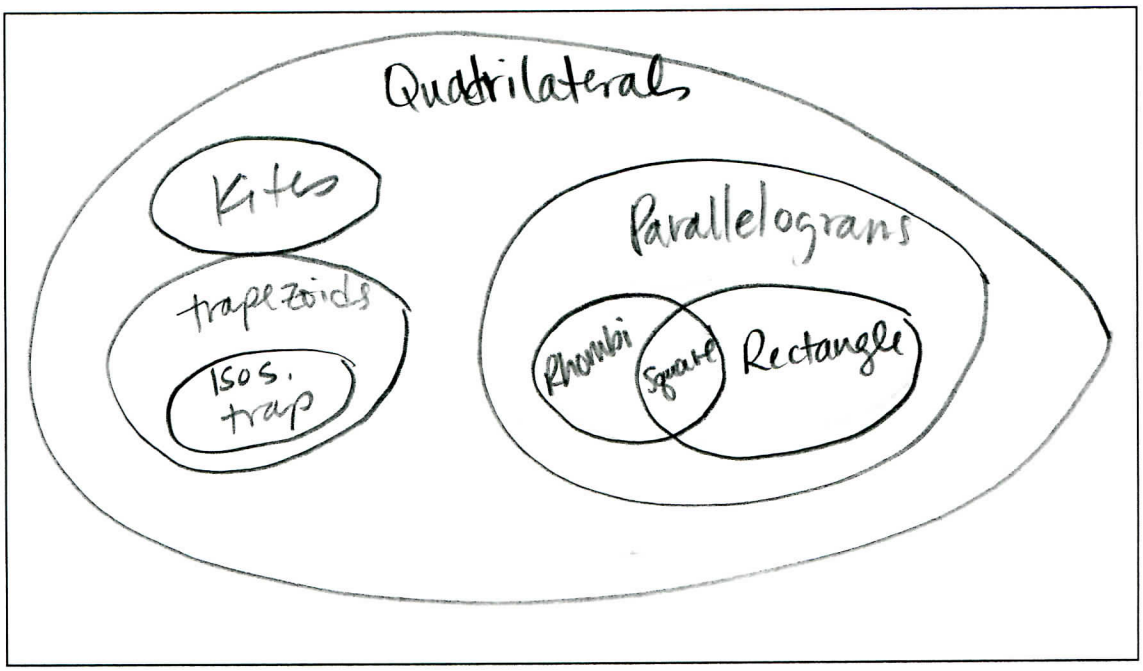
Date _____

Properties of Special Quadrilaterals

Property	Parallelogram	Rectangle	Rhombus	Square	Trapezoid	Isosceles Trapezoid	Kite
Both pairs of opp sides parallel	✓	✓	✓	✓			
Exactly one pair of opp sides parallel					✓	✓	
Both pairs of opp sides congruent	✓	✓	✓	✓			
Exactly one pair of opp sides cong						✓	
All sides congruent			✓	✓			
Opp angles congruent	✓	✓	✓	✓			
All angles congruent		✓		✓			
Diagonal forms 2 congruent triangles		✓	✓	✓			✓ 1 way
Diagonal forms two congruent isosceles triangles				✓			✓ 1 way
Diagonals form 2 isosceles triangles			✓	✓			✓ 1 way
Diagonals are congruent		✓		✓		✓	
Diagonals bisect the opp angles			✓	✓			✓ pair
Diagonals are perpendicular			✓	✓			✓
Diagonals bisect each other	✓	✓	✓	✓			
Base angles are congruent					✓	✓	
All consecutive angles supplementary	✓	✓	✓	✓			
2 pairs consec angles supplementary						✓	

Notes on Quadrilaterals

FLOW CHART



VENN DIAGRAM