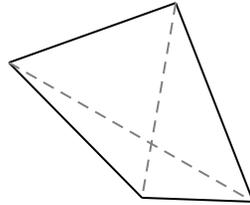


### Notes: Quadrilateral Properties

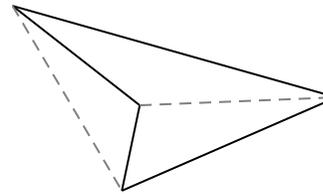
List all of the side, angle and diagonal properties of each quadrilateral.

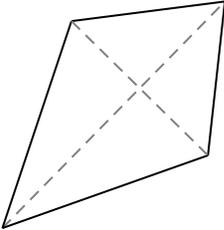
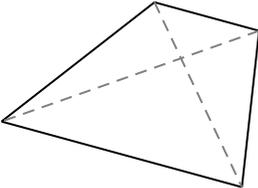
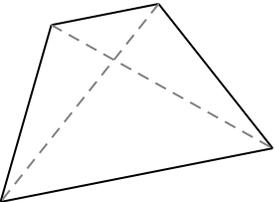
**Quadrilateral:** A polygon with 4 sides

Convex:



Non-Convex (Concave):



Shape	Side Properties	Angle Properties	Diagonal Properties
<b>Kite:</b> A quadrilateral with 2 pairs of consecutive sides that are congruent			
			
<b>Trapezoid:</b> A quadrilateral with a pair of opposite sides that are parallel			
			
<b>Isosceles Trapezoid:</b> A quadrilateral with a pair of opposite sides that are parallel, where the other pair of opposite sides are congruent			
			

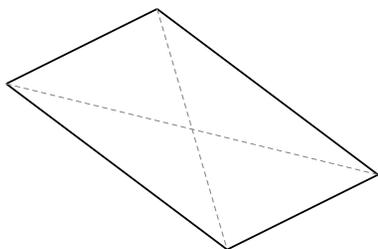
Shape

Side Properties

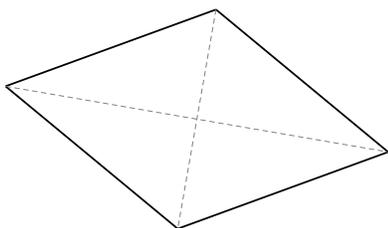
Angle Properties

Diagonal Properties

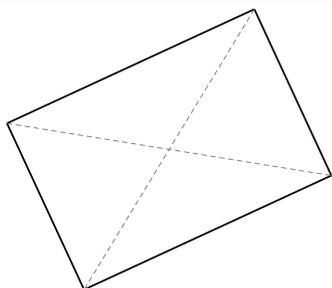
**Parallelogram:** A quadrilateral with 2 pairs of opposite sides that are parallel.



**Rhombus:** A quadrilateral with 4 congruent sides



**Rectangle:** A quadrilateral with 4 congruent angles



**Square:** A quadrilateral with 4 congruent sides and 4 congruent angles

