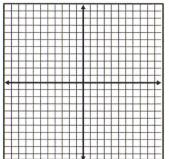
	Diagonals Congruent									
Cadalliate al 1 openios	Exactly One Pair of Opposite Sides Parallel									
	4 Congruent Sides									
	4 Right Angles				1					
	Diagonals Perpendicular									
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		Quadrilateral	Trapezium	Kite	Trapezoid	isosceles Trapezoid	Parallelogram	Rectangle	Rhombus	Square
	1									

Quadrilateral Properties

Quadrilaterals Wrap-Up

- **1.** Suppose a room is constructed in the shape of a rhombus so that one diagonal is 6 feet long and the other is 8 feet long. Find the perimeter of the rhombus.
- **2.** The two diagonals of a square meet at (-1, -5). Use the midpoint formula to determine which of the following ordered pairs represent the end points of one of the diagonals.
 - **A** (4, 6) and (2, 4)
 - **B** (-4, -6) and (2, -4)
 - C (4, -6) and (-2, 4)
 - **D** (-4, 6) and (2, 4)
- **3.** Trapezoid ABCD has three of its vertices located at A(2, 4), B(6, -4), and C(1, -6). If segments AB and CD are the legs of the trapezoid, what is the slope of the median of Trapezoid ABCD?



4. Rectangle WXYZ has vertices at W(-4, 2), X(4, 6), Y(7, 0) and Z(-1, -4). Laura wants to connect the midpoints of the rectangle to form a parallelogram. What are the vertices of the parallelogram that touches the midpoint of each of the four sides of Rectangle WXYZ?

