

Name: _____

Date: _____

Lesson 9-3 Area of Trapezoid, Rhombuses, & Kites

Match each word and picture to the corresponding definition.

Definitions	Picture
• The _____ is the plane containing the x and y axis.	
• A _____ is a polygon with three sides and three angles which sum up to _____.	
• A _____ is a quadrilateral where each two adjacent sides are equal. Also, it has two diagonals meeting in a _____ angle and one of them bisecting the other.	

• A set of values that show an exact location or position is _____. It is usually an ordered pair of numbers. (,)	
• _____ is the number of square units inside a 2D shape.	
• A _____ is a closed 2D shape with 3 or more sides and angles.	
• A parallelogram that has all its sides equal in length is called a _____.	
• The sum of lengths of the sides in a 2D shape is called _____.	
• _____ is the segment perpendicular to the line containing the base drawn from the opposite side of the base.	

A parallelogram that has all its interior angles are 90° and its opposite sides are equal in length is called a _____.	
The _____ is $= \sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2}$	
A quadrilateral with only one pair of opposite parallel lines is called a _____.	

Coordinate Plane	Distance Formula	Triangle	Polygon
Coordinates	Perimeter	Rectangle	Area
Trapezoid	Rhombus	Altitude	Kite

