

Name _____

Date _____

Classify Two-Dimensional Figures - Step-by-Step Lesson

Lesson 1 Two-Dimensional Problem:

Complete the chart below.

Property	Quadrilateral				
	Square	Rhombus	Rectangle	Trapezoid	Parallelogram
Only 1 pair of sides parallel					
Both pairs of sides parallel					
4 right angles					
4 equal sides					

Explanation:

Step 1) First, we look to see what is being asked of us.

“Complete the chart”

Step 2) Properties of Quadrilaterals

SQUARE -All sides are equal and have right angles. So put \checkmark on the chart under “4 right angles and 4 equal sides”.

RHOMBUS has 4 sides all sides equal, no sides are perpendicular. So put \checkmark on the chart under “4 equal sides”.

RECTANGLE has 4 sides and opposites are equal. So put \checkmark on the chart “under 4 equal sides”.

TRAPEZOID 4 sides; no parallel sides. So put \checkmark on the chart under “Only 1 pair of sides parallel”.

PARALLELOGRAM has 4 sides, opposite sides equal, no sides are perpendicular. So put \checkmark on the chart under “both pairs of sides parallel”.



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Step 3) Answer is:

Property	Quadrilateral				
	Square	Rhombus	Rectangle	Trapezoid	Parallelogram
Only 1 pair of sides parallel				✓	
Both pairs of sides parallel					✓
4 right angles	✓				
4 equal sides	✓	✓	✓		

