Class-Notes   Date _____Period_____

Properties of the Quadrilateral Family Tree

Write down all the information you know about the following polygons. Draw a picture that represents that information.

Quadrilaterals

> **A four-sided polygon**

Parallelograms

> **Quadrilateral with both pair of opposite sides parallel**
> **Other Properties:**
> - **Both pair of opposite sides are congruent**
> - **Both pair of opposite angles are congruent**
> - **Adjacent (consecutive) angles are supplementary**
> - **Diagonals bisect each other**

Rectangles

> **Parallelogram with four right angles**
> **Other Properties:**
> - **Diagonals are congruent**

Rhombuses/Rhombi

> **Parallelogram with four congruent sides**
> **Other Properties:**
> - **Diagonals are perpendicular**
> - **Diagonals bisect angles**

Squares

> **Both a Rectangle and a Rhombus**