Measuring Quadrilaterals

For each quadrilateral:

1. Measure the length of all 4 sides.
        What do you notice about the opposite sides? About the consecutive (next to each other) sides?
2. Measure the size of all 4 angles.
        What do you notice about the opposite angles? About the consecutive (next to each other) angles?

3. Use a straightedge to draw the diagonals (segments that cross through the figure from corner to corner).

4. Measure the length of the diagonals from corner to corner.
                        What do you notice about the length of the diagonals?
5. Measure the length of the diagonals from corner to the <u>diagonal crossing point</u>.
                What do you notice about the length of the smaller diagonal parts?

6. Measure the small angles created by the diagonals in each corner.
7. Measure the 4 angles created in the middle, where the diagonals cross.
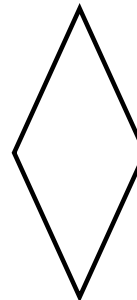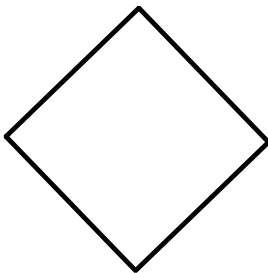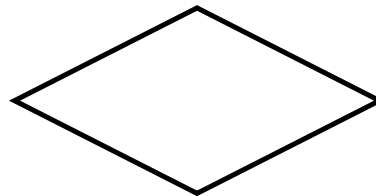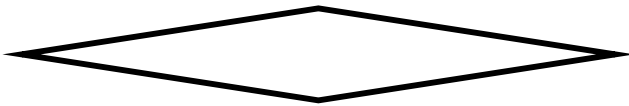   *What do you notice about the smaller angles?*

Parallelograms
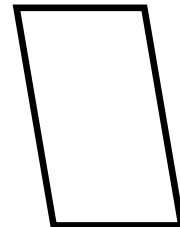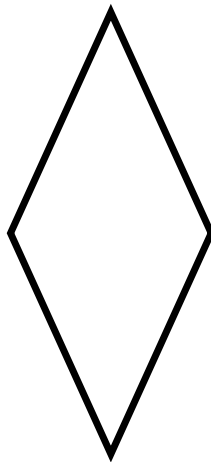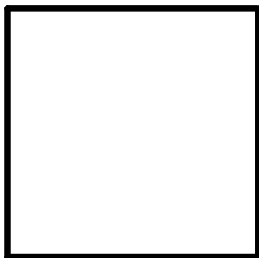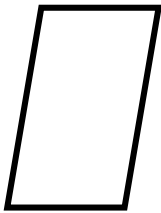
Rectangles
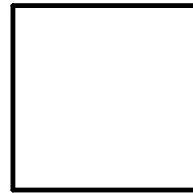
Rhombi (more than one rhombus)

Squares