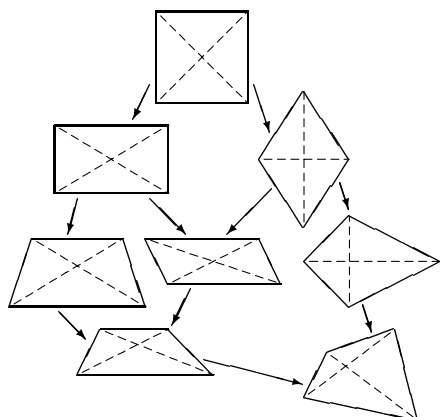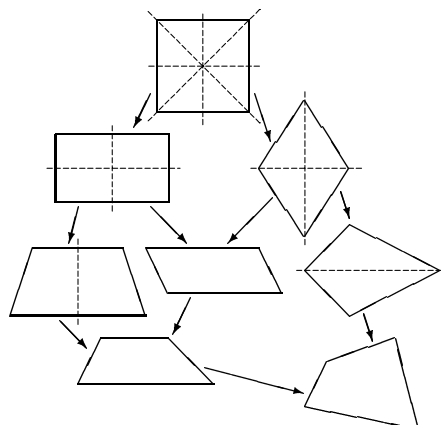# Quadrilaterals and their Properties

Name:_____
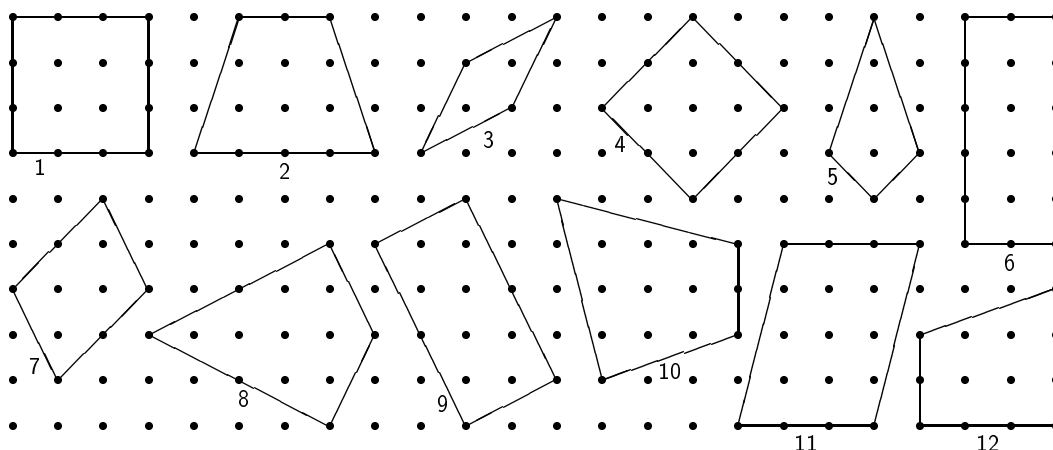
Quadrilaterals with Diagonals

Quadrilaterals with Lines of Symmetry

A Sampling of Quadrilaterals

Instructions

After each of the properties listed below, write the numbers of all of the quadrilaterals from the above sampling which satisfy the statement. *Note: The first problem is done for you.*

Notes: Be sure to pay close attention to the words and expressions used. Also, be sure to think a little bit about how you decide which figures satisfy each condition.

1. Quadrilaterals with opposite sides equal.
   1, 3, 4, 6, 7, 9, 11

2. Quadrilaterals with equal diagonals.

3. Quadrilaterals with opposite angles equal.

4. Quadrilaterals with just one line of symmetry.

5. Quadrilaterals where the diagonals bisect the vertex angles.

6. Quadrilaterals with mutually bisecting diagonals.

7. Quadrilaterals with at least one pair of opposite sides which are parallel.

8. Quadrilaterals where one diagonal is a line of symmetry.