

Name: _____ Date: _____

Quadrilaterals

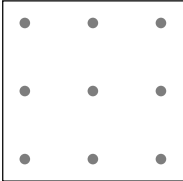
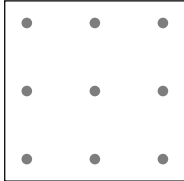
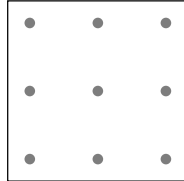
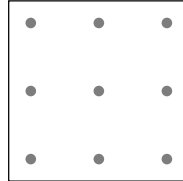
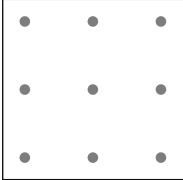
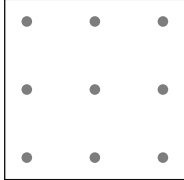
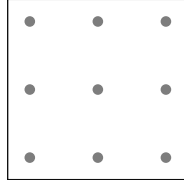
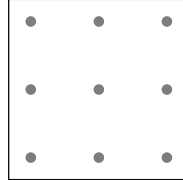
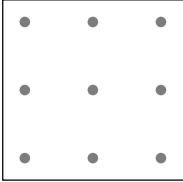
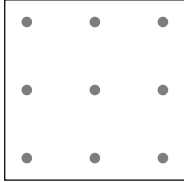
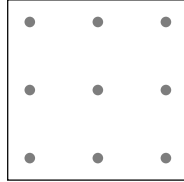
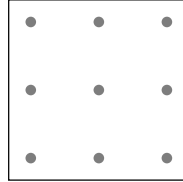
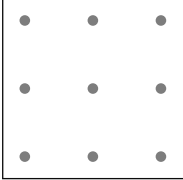
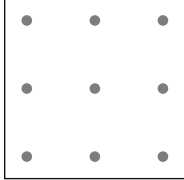
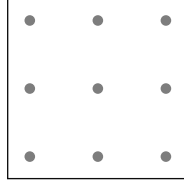
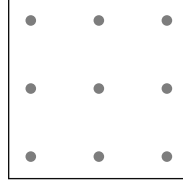
Use properties and sizes to compare and classify quadrilaterals

You will need:

- ruler

Challenges
1,2,3

Mr Tong said, "You can make 16 different quadrilaterals on a 3 x 3 pin board." Is he correct? Investigate.

1		2		3		4	
5		6		7		8	
9		10		11		12	
13		14		15		16	

Challenges
2,3

Write the numbers of the quadrilaterals that have:

- 1 at least one line of symmetry _____
- 2 no pairs of parallel lines _____

Challenge
3

Write the numbers of the quadrilaterals that have at least one obtuse angle _____



Play 'Property pairs' with someone at home.

- Take turns to say the number of two of the quadrilaterals.
- Each time, ask your partner to give a property common to both quadrilaterals.
- One point is scored for a correct answer.
- The winner is the first player to score ten points.