

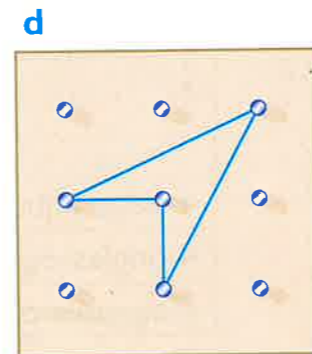
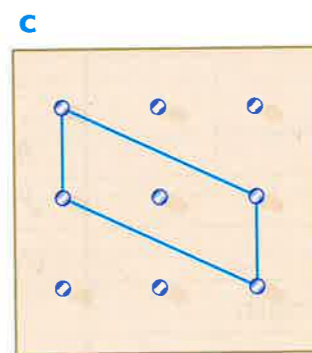
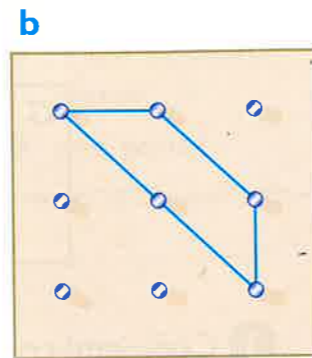
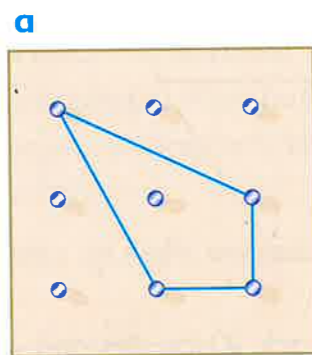
Classifying quadrilaterals and triangles

Classify quadrilaterals and triangles

1 Copy these quadrilaterals on to the 3 × 3 pinboards.

2 For each quadrilateral:

- a write its name
- b mark the equal sides
- c mark each pair of equal angles in the same colour
- d draw the axes of symmetry.



You need:

- RCM 2: 3 × 3 pinboards
- ruler
- colouring materials

1 On RCM 2, draw 16 different quadrilaterals. Include those drawn in the activity.

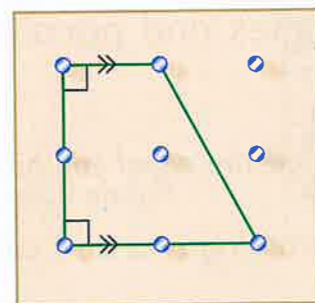
2 Name each quadrilateral.

3 Mark the parallel sides >>.

4 Mark the perpendicular sides ⊥.

5 Mark each pair of equal angles in the same colour.

Example



You need:

- RCM 2: 3 × 3 pinboards
- ruler
- colouring materials

6 Copy and complete the table.

For each property, record the number for these shapes: parallelogram, kite and trapezium.

Property	parallelogram	kite	trapezium
opposite angles equal			
one or two right angles			
one pair of parallel sides			
two pairs of parallel sides			
perpendicular sides			



1 How many triangles can you find in this diagram?

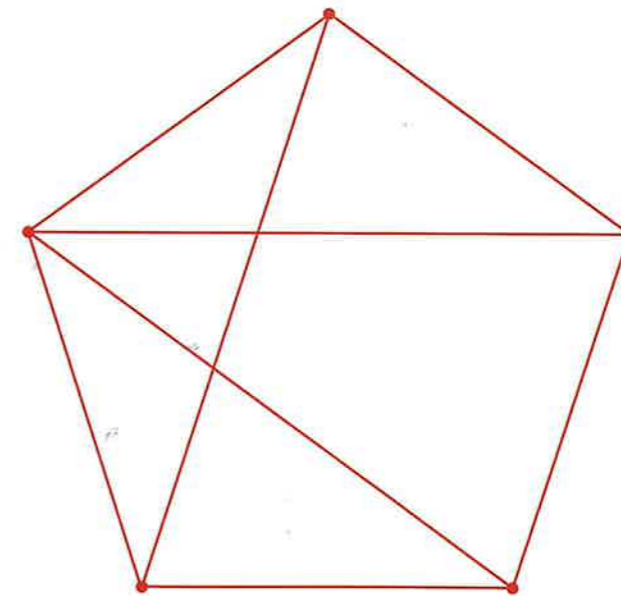
2 How many triangles are:

- a isosceles?
- b scalene?

3 Draw a regular pentagon. Then draw in all the diagonals.

How many triangles of different sizes can you find?

Draw a different pentagon for each triangle and colour the triangle.



You need:

- 2-D shape: pentagon
- ruler
- colouring materials

