

Know your quadrilaterals

Use properties and sizes to compare and classify quadrilaterals



You will need:

- 1 cm square dot paper
- ruler
- coloured pencils



Challenges 1, 2

- 1 Write the name of each quadrilateral.
- 2 Copy the quadrilaterals on to 1 cm square dot paper.
For each quadrilateral mark:
 - a the equal sides
 - b each pair of equal angles in a different colour



Challenge 2

Copy and complete the table for each of the above quadrilaterals. Write ✓ for yes and ✗ for no.

Properties	A	B	C	D	E
One or more lines of symmetry					
Opposite sides equal					
Adjacent sides equal					
At least one pair of opposite sides parallel					
Opposite angles equal					
At least one pair of perpendicular sides					

Challenge 3

Write two ways in which these pairs of quadrilaterals are similar and two ways in which they are different.

- a rectangle and parallelogram
- b parallelogram and rhombus

