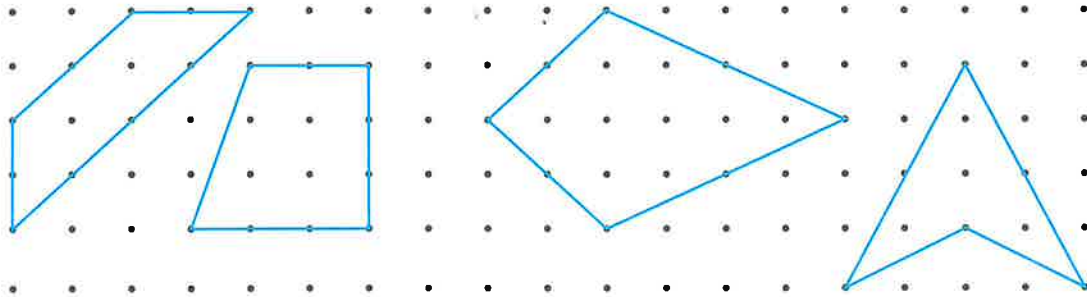


Trapezium and kite

- Classify 2-D shapes using properties such as parallel and perpendicular

A trapezium has one pair of opposite parallel sides.

A kite has 2 pairs of adjacent sides equal.



1 On 1 cm square dot paper draw:

- a 5 different trapezia
- b 5 different kites

2 Write the name trapezium or kite beneath each shape.

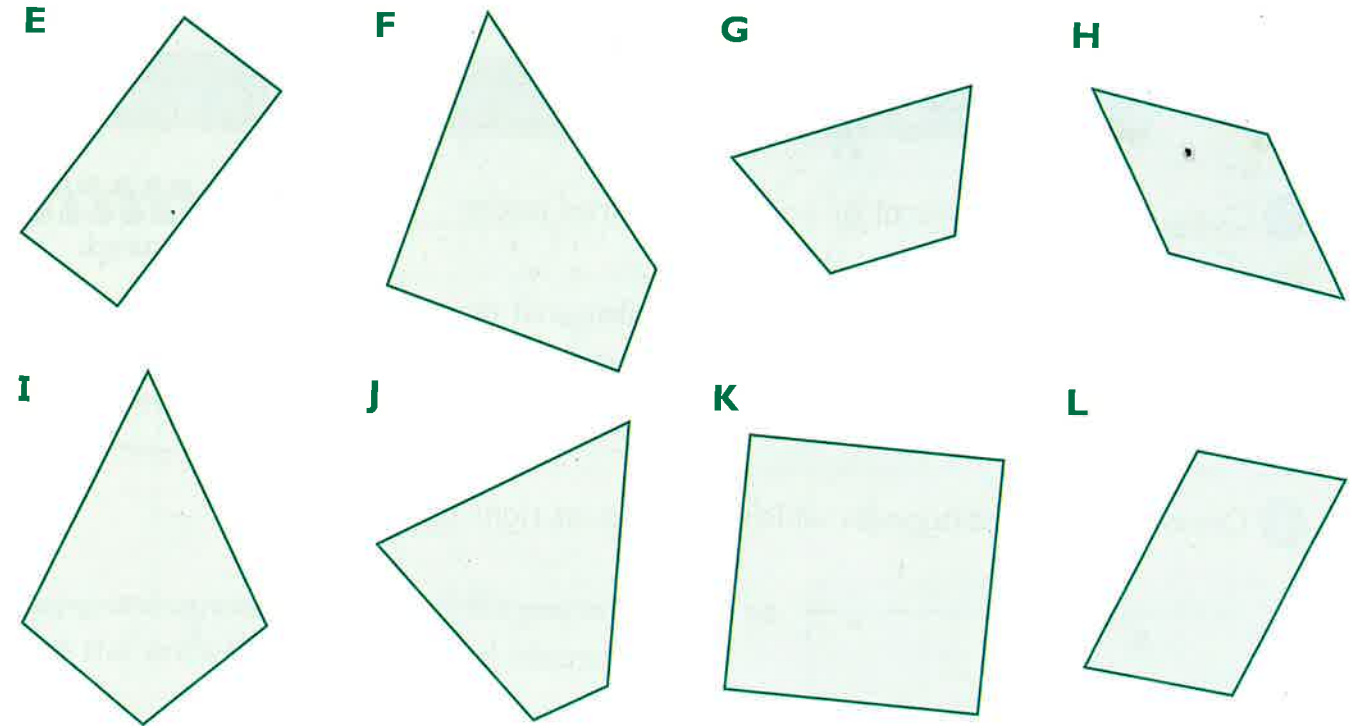
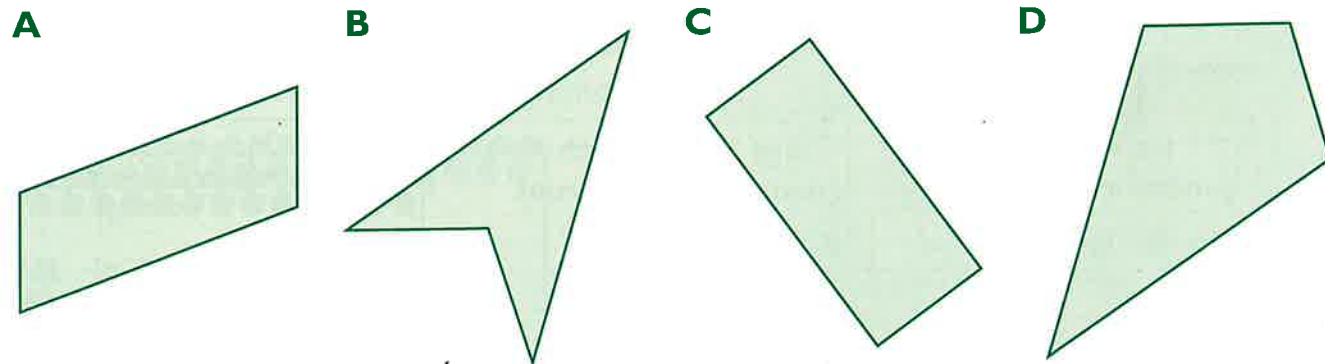
1 Name each shape.

2 Write the letter of each shape which has:

- a only one pair of opposite parallel sides
- b 2 pairs of adjacent sides equal
- c only one line of symmetry

You need:

- 1 cm square dot paper
- ruler



Jigsaw trapezia

1 Draw 4 congruent trapezia on triangular dot paper. Cut out the shapes.

Assemble the 4 trapezia to make one large trapezium.

2 Draw and cut out 5 more trapezia.

Assemble all 9 trapezia to make one large trapezium.

3 Compare the large trapezia you made in questions 1 and 2.

What can you say about their areas?

You need:

- 1 cm triangular dot paper
- ruler
- scissors

