

Spacefleet

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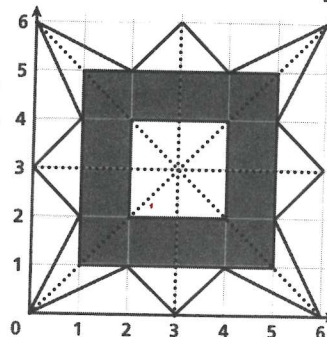
Co-ordinates:
line symmetry

- 1 (a) Mark these points on the grid.
Join them, in order, to make a
Spacefleet badge.

(3, 0) (2, 1) (0, 0) (1, 2) (0, 3) (1, 4) (0, 6)
(2, 5) (3, 6) (4, 5) (6, 6) (5, 4) (6, 3) (5, 2)
(6, 0) (4, 1) and back to (3, 0)

- (b) Draw the lines of symmetry on the badge.
Colour it so that it still has these lines
of symmetry.

*Symmetry depends on
children's choice of colour(s).*



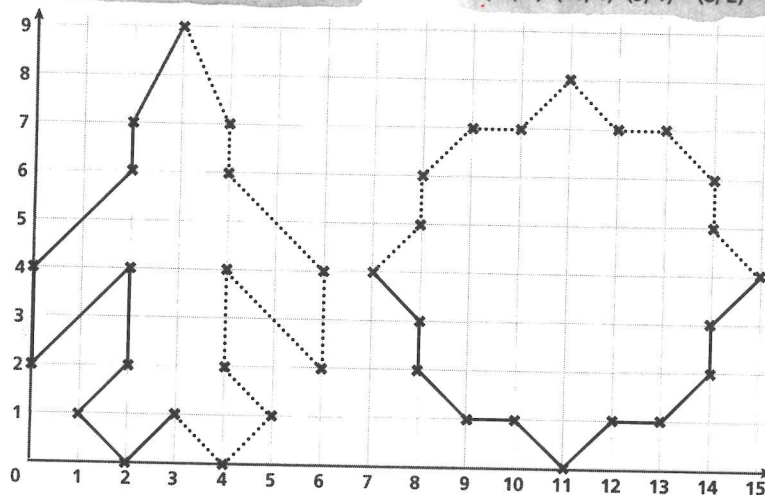
- 2 (a) Mark each set of points on the grid below and join them,
in order, to make half of a symmetrical picture.

Spacefleet cruiser

(3, 1) (2, 0) (1, 1) (2, 2) (2, 4)
(0, 2) (0, 4) (2, 6) (2, 7) (3, 9)

Spacefleet station

(15, 4) (14, 3) (14, 2) (13, 1) (12, 1)
(11, 0) (10, 1) (9, 1) (8, 2) (8, 3) (7, 4)



- (b) Draw the other half of each picture by marking and joining points.

- (c) List the co-ordinates of these points in order.

cruiser: (3, 9) (4, 7) (4, 6) (6, 4) (6, 2) (4, 4) (4, 2) (5, 1) (4, 0) (3, 1)

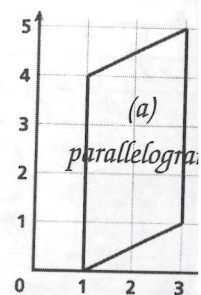
station: (7, 4) (8, 5) (8, 6) (9, 7) (10, 7) (11, 8) (12, 7) (13, 7) (14, 6) (14, 5) (15, 4)

Ask your teacher what to do next.

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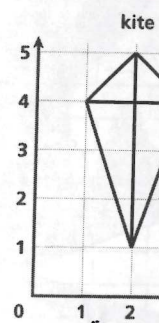
2D shape:
drawing
shapes

- 1 For each se
• mark the
• join them
• name the



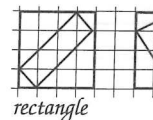
Problem solving

- 2 (a) On each
(b) Make the
point an
(c) Draw the



Problem solving

- 3 (a) Draw squa
squared p
(b) In each squ
shape. The
be on diffe
(c) Name each



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