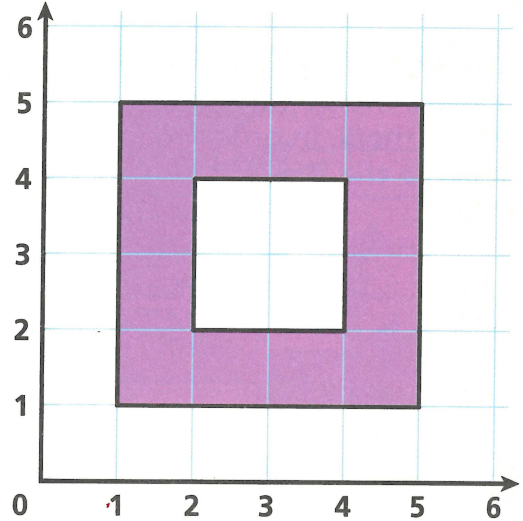


# Spacefleet

- 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.



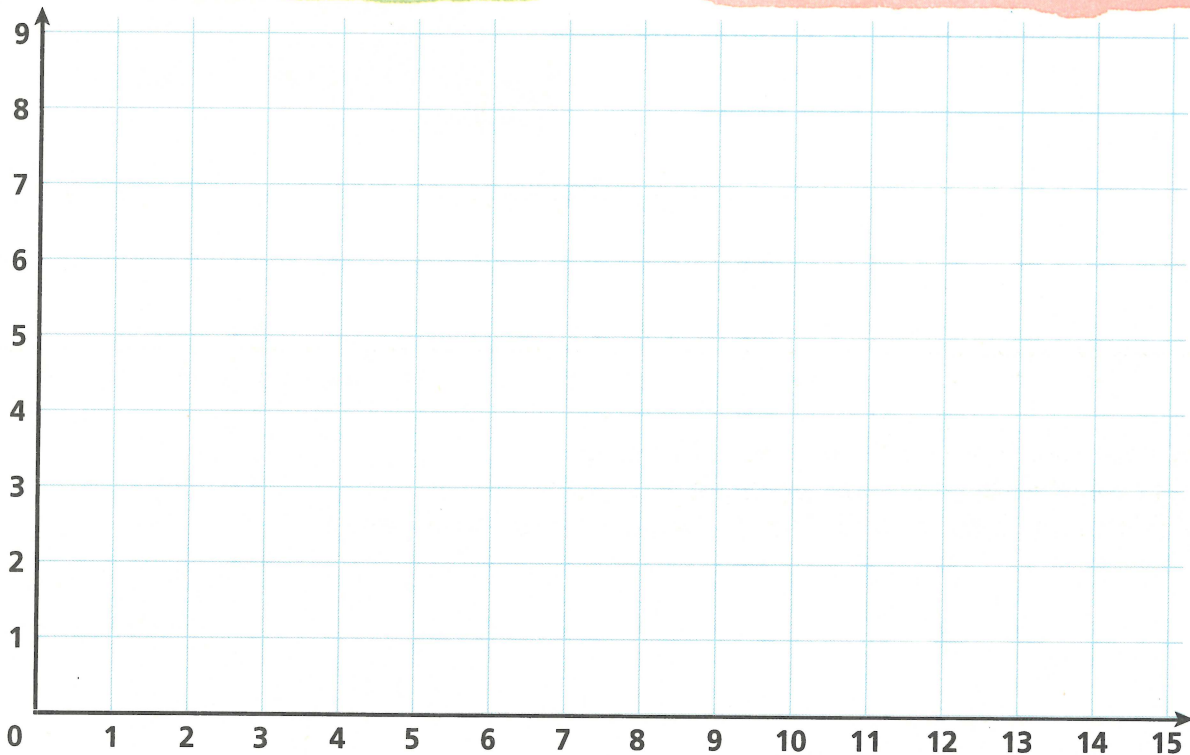
- 2 (a) Mark each set of points on the grid below and join them, in order, to make half of a symmetrical picture.

*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) \_\_\_\_\_

station:

(7, 4) \_\_\_\_\_

Ask your teacher what to do next.