

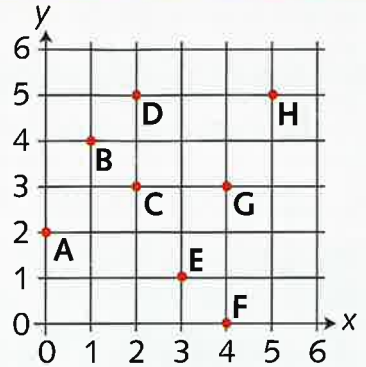
Take off coordinates



Use coordinates to describe the position of a point on a grid in the first quadrant

Challenge 1

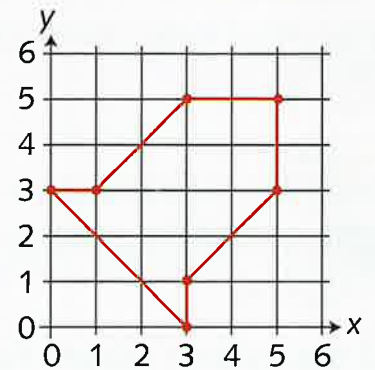
- The grid shows the position of some moon craters. Write the coordinates of craters **B**, **C** and **D**.
- Copy and complete these sentences.
 - Craters with an x-coordinate of 4 are **F** (4,) and (,).
 - Crater has the same x-coordinate and y-coordinate.



Example
Crater A (0, 2)

Challenges 2, 3

- The coordinates are joined to make a picture. Write the coordinates in order.
 $(0, 3) \rightarrow (1, 3) \rightarrow (,) \rightarrow (,)$
 $\rightarrow (,) \rightarrow (,) \rightarrow (0, 3)$
- Use Resource 15: 9 x 9 coordinate grids. Draw a picture by joining these coordinates in order.
 $(2, 8) \rightarrow (8, 2) \rightarrow (3, 2) \rightarrow (2, 1) \rightarrow$
 $(1, 1) \rightarrow (1, 2) \rightarrow (2, 3) \rightarrow (2, 8)$



You will need:

- Resource 15: 9 x 9 coordinate grids
- ruler

Challenge 3

- This picture shows half of a symmetrical star.
 - Copy and complete the star
 - Write the coordinates for each new point

