

Mathematics

# **The 2-D coordinate axis**

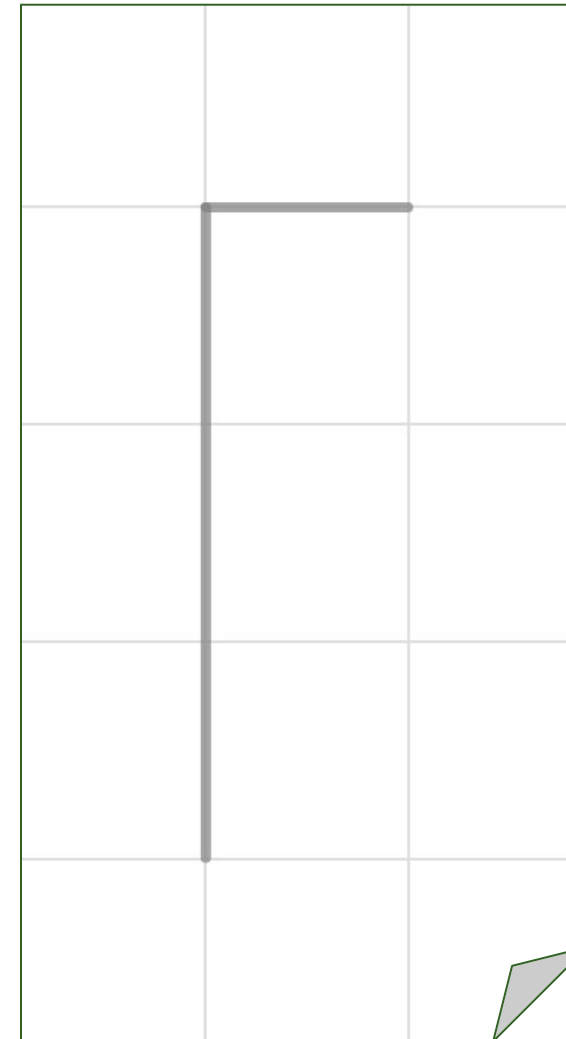
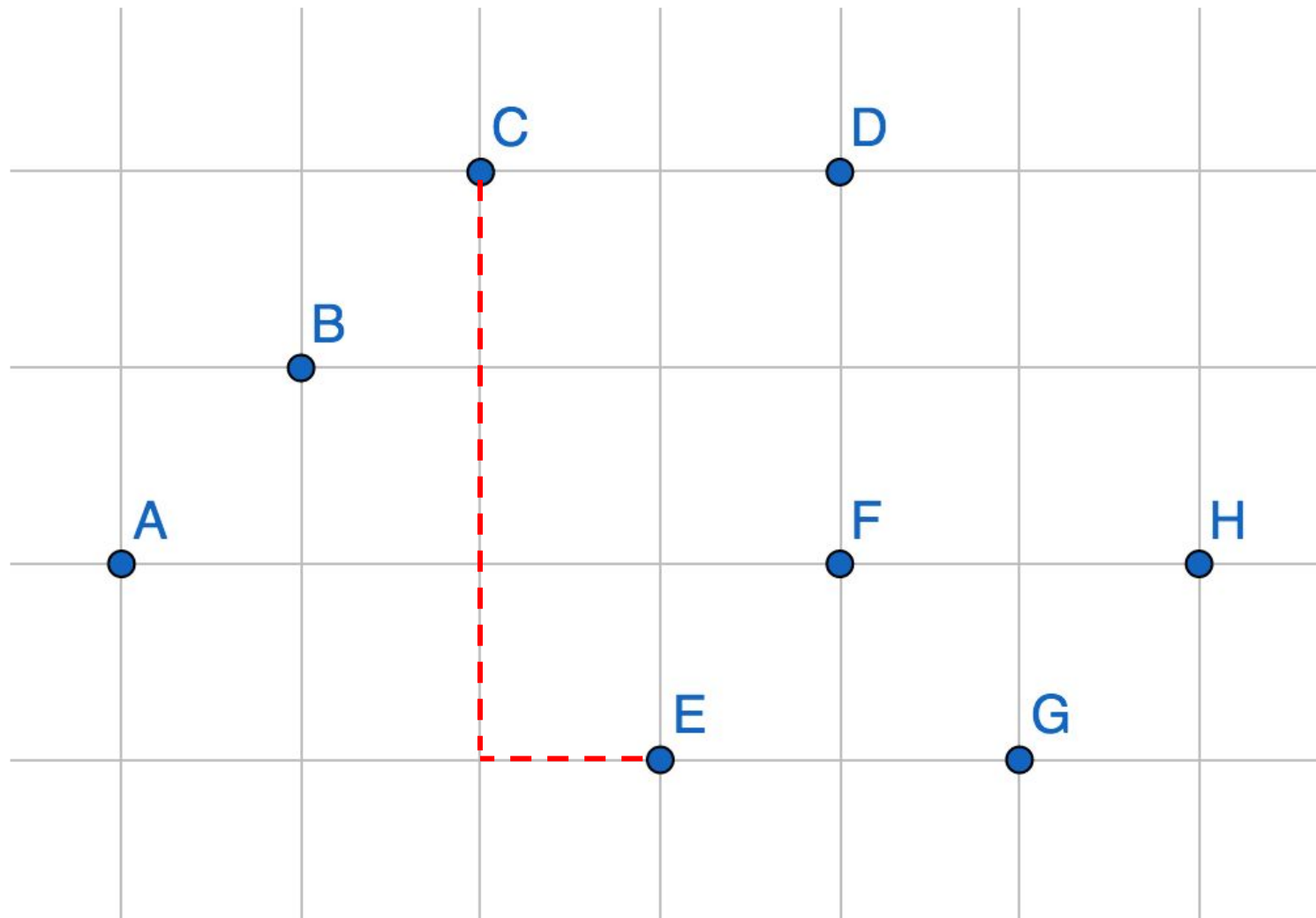
**Downloadable resource**

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# Try this

Which of the points below can be joined using the 'L' below?

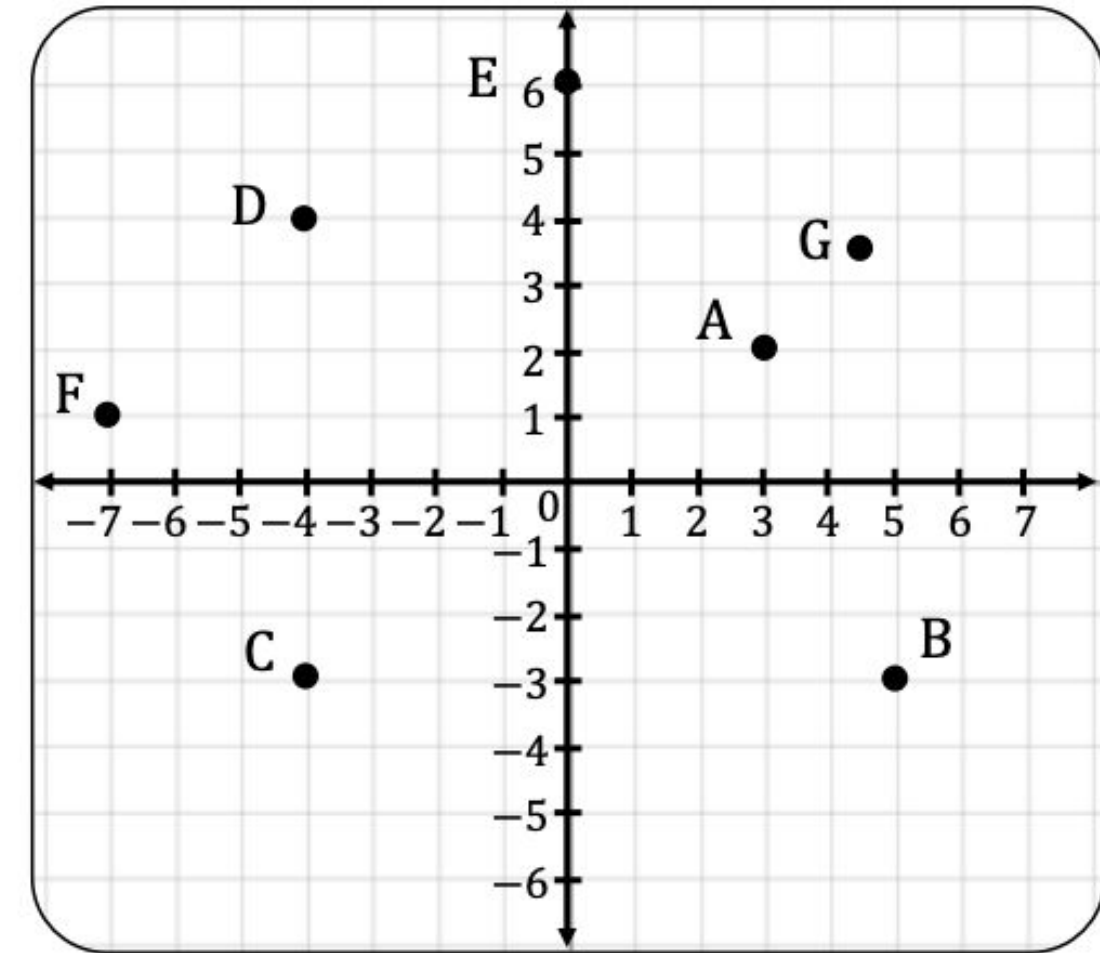


Hint: Imagine the L is on tracing paper so you can place it however you want.

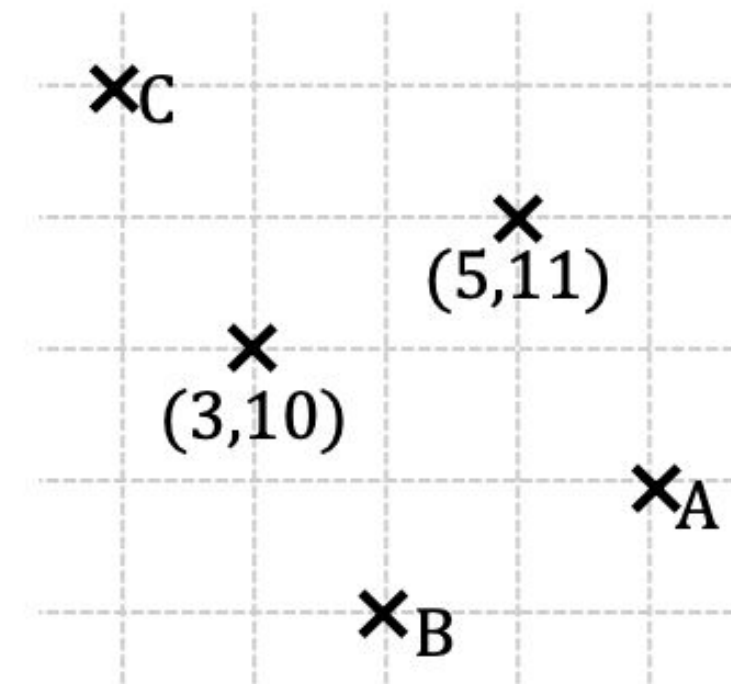


# Independent task

- 1)
  - a) State the coordinate for each of the points.
  - b) Describe the journey from B to A.
  - c) Describe the journey from A to B
  - d) Right seven up five describes a journey between which points?
  - e) Plot and label the points X: (3, -2), Y: (6, -2) (-6, -2)



- 2) The image on the right is taken from a section of a coordinate grid. Find the coordinates of the points A, B and C:



# Explore

Write down the coordinates of points A to F.

The robot starts at A, use code to make the robot move from:

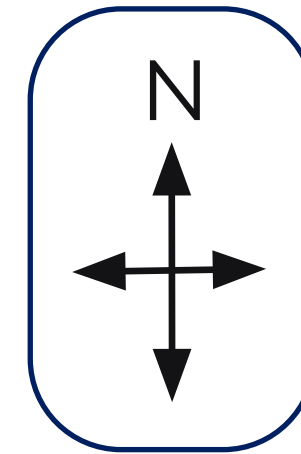
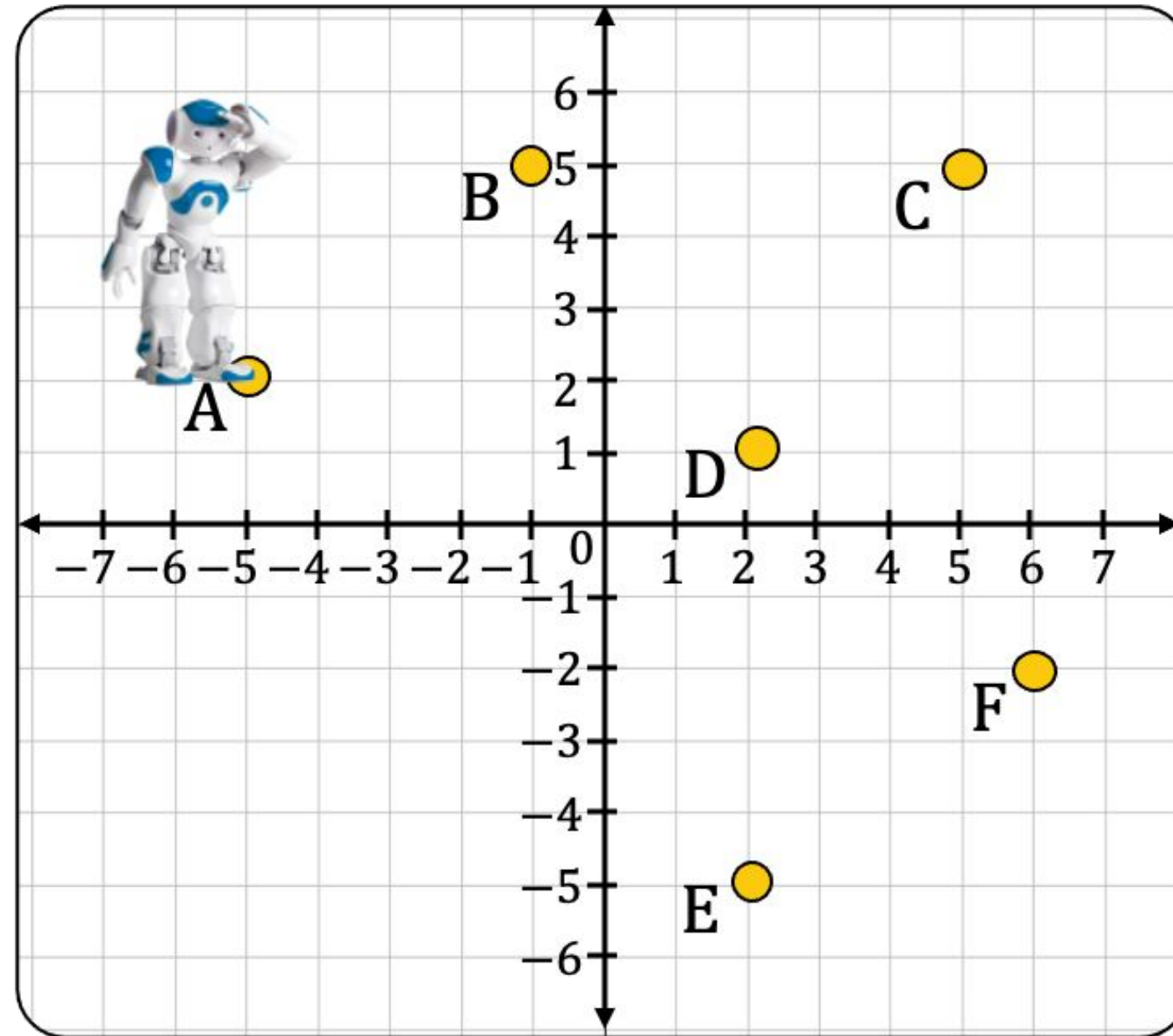
a) A to B

b) B to C

c) C to D

d) D to E

e) E to F



Code

< north( ) >

< west( ) >

< south( ) >

< east( ) >



# Share your work with Oak National

If you'd like to, please ask your parent or carer to share your work on Twitter tagging **@OakNational** and **#LearnwithOak**

