Mathematics

Forming shapes from diagonals
Downloadable resource
Lesson 6 of 8

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Try this

Complete the code to move the robot.

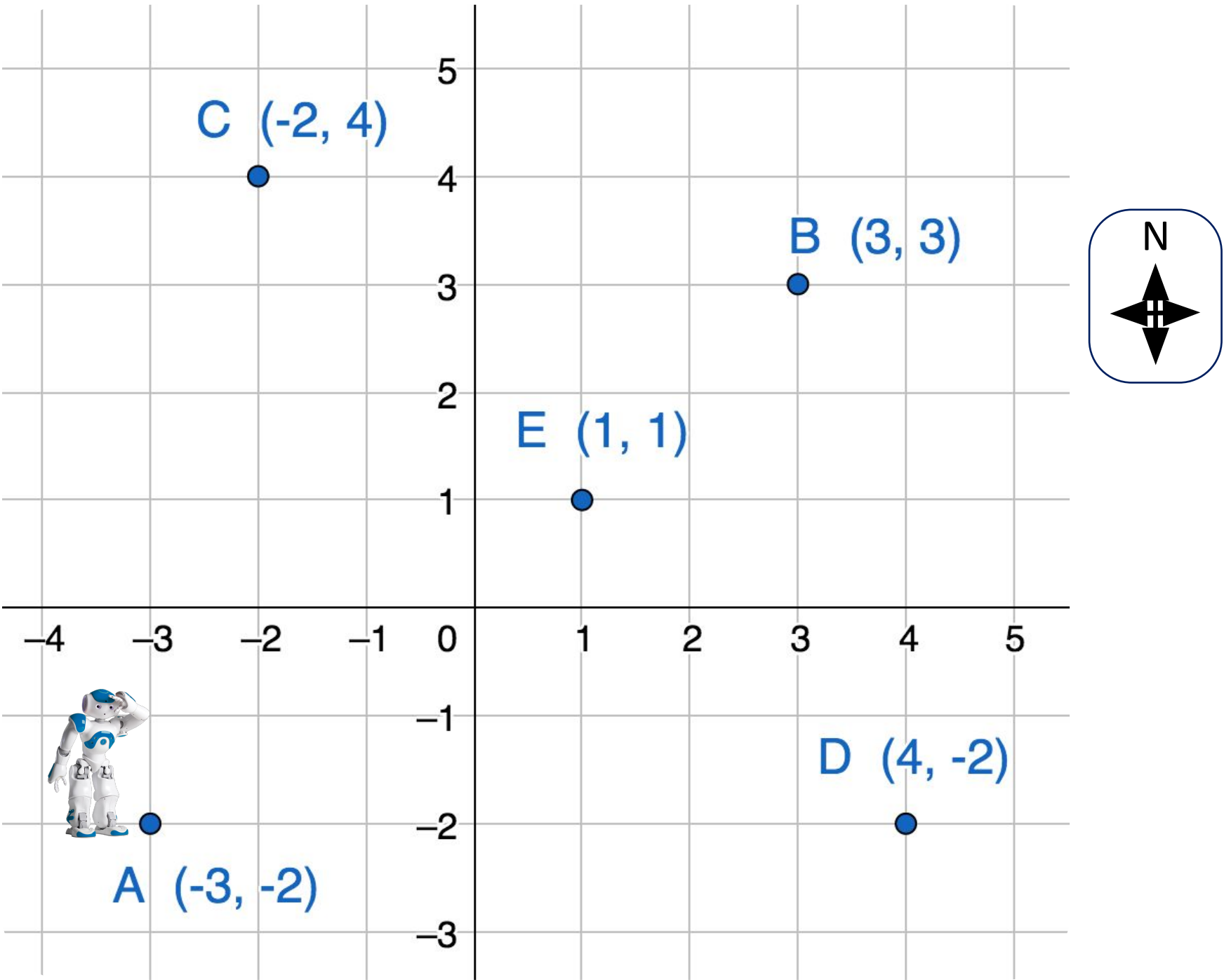A to B: <   (   )><   (   )>

B to C: <   (   )><   (   )>

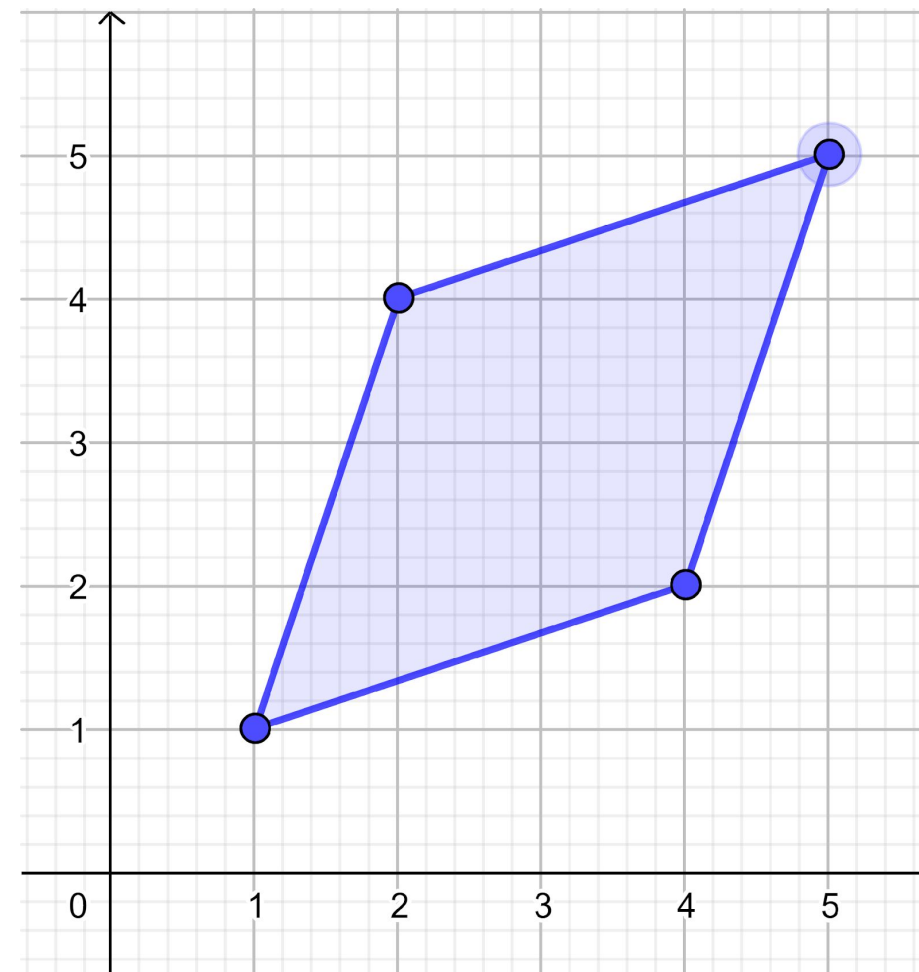C to D: <   (   )><   (   )>

D to E: <   (   )><   (   )>

E to A: <   (   )><   (   )>

Describe a different 'loop' that visits each point.

C (-2, 4)

B (3, 3)

E (1, 1)
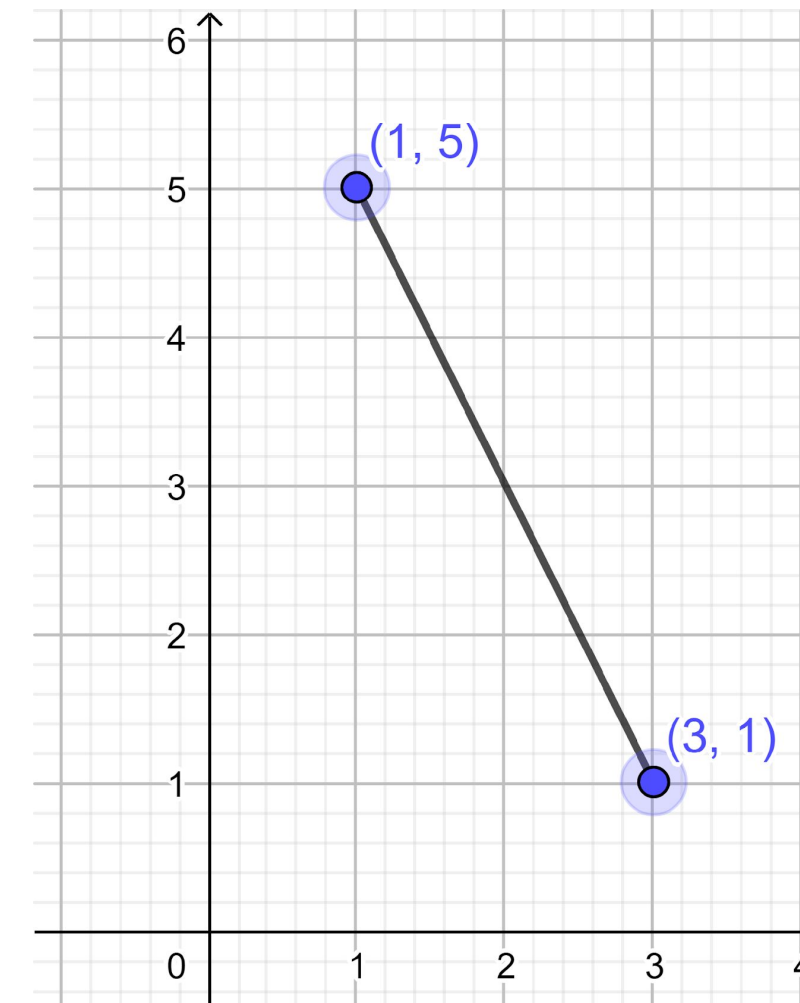
N

A (-3, -2)

D (4, -2)

2

Independent task

1) Explain why this shape is a rhombus.

2)) This line segment is one diagonal of a rhombus. Give the coordinates of 2 points which could be the other vertices of this rhombus.

Explore

Which of the line segments below are equal in length?