

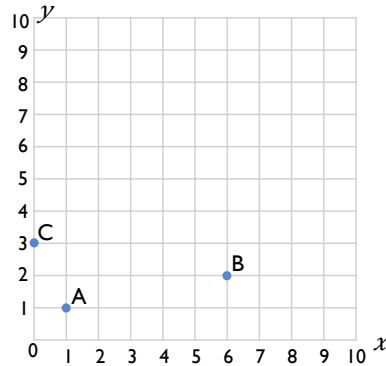
Monday Challenge



Mo has written the coordinates of points A, B and C.

A (1, 1) **B** (2, 7) **C** (3, 0)

Mark Mo's work and correct his mistakes.



Explain why Mo could not make the same mistake for point A as he made for points B and C.

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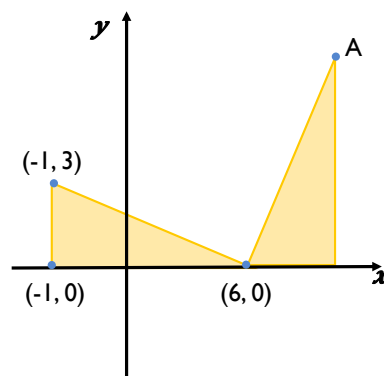
Tuesday Challenge



The diagram shows two identical triangles.

The coordinates of three points are shown.

Find the coordinates of point A.



4

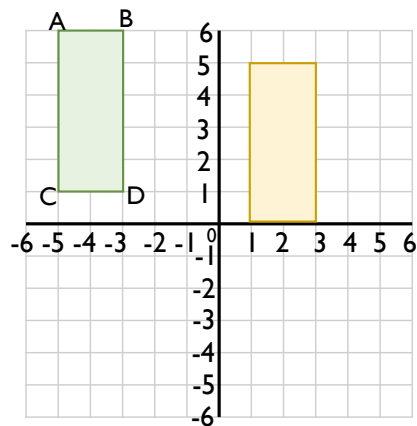
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Wednesday Challenge



True or False?

Dexter has translated the rectangle ABCD 6 units down and 1 unit to the right to get to the yellow rectangle.



Explain your reasoning.

6

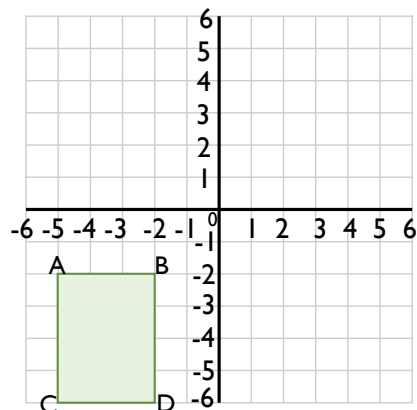
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Thursday Challenge



Rectangle ABCD is the result of a rectangle being reflected in either the x - or the y -axis.

Where could the original rectangle have been? Draw the possible original rectangles on the coordinate grid, and label the coordinates of each vertex.



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