1) Plot the coordinates on the grid to label the pirate map.

cave (3,4)	boat (2,2)
shipwreck (4,5)	palm tree (3,1)
swamp (5,3)	rock pool (1,3)
kraken (5,1)	volcano (1,6)

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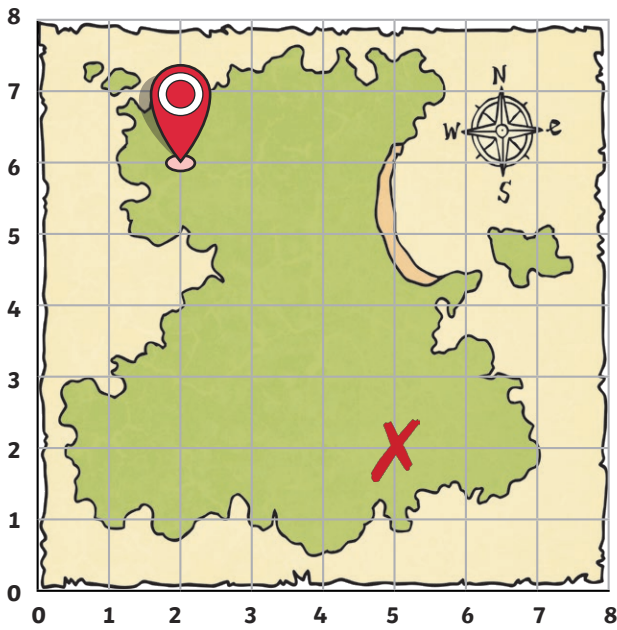|	
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1) A pirate ship drops anchor at (2,6). The red cross shows where the treasure is buried. The map is drawn to represent 100 steps between each adjacent coordinate.

> The pirates walk from the pirate ship to the buried treasure, passing through coordinates (2,4), (4,4) and (4,2). They walk 700 steps.

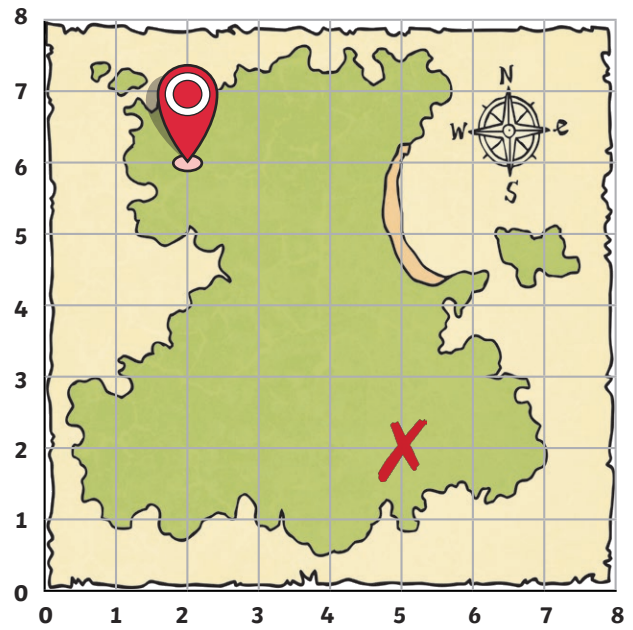Is this correct? Explain your reasoning.

1) A pirate ship drops anchor at (2,6). The red cross shows where the treasure is buried. The map is drawn to represent 100 steps between each adjacent coordinate.

> The pirates walk from the pirate ship to the buried treasure, passing through coordinates (2,4), (4,4) and (4,2). They walk 700 steps.

Is this correct? Explain your reasoning.

1) A pirate is standing at the coordinate (1,4).

a) Find as many ways as possible the pirate can reach the treasure by plotting a route of exactly 6 coordinates, (including the start and finish positions).

b) If the map is drawn to represent 50 steps between each adjacent coordinate, plot the coordinates of the shortest route the pirate can take to reach the treasure. How many steps will this take?

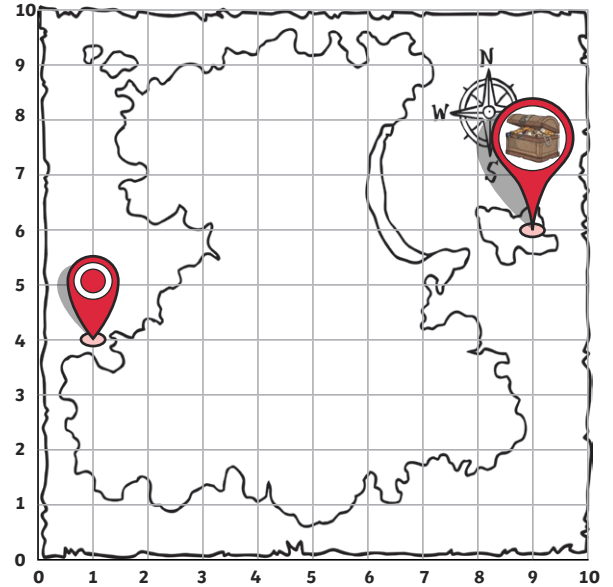| Key	
	Pirate
	Treasure