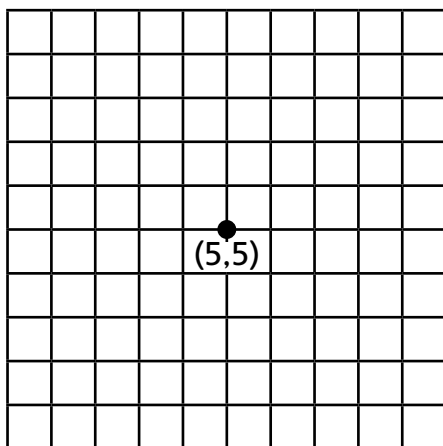


Deepen Activities

- 1 Create a treasure map with some landmarks on a coordinate grid. Decide on the coordinates of the treasure, but do not mark it on the grid.

Write some directions to the treasure for your partner to use to find the treasure.

- 2 One vertex of a square is at $(5,5)$. The side of the square is 4 units long. What could the other three vertices be? Find all the possibilities and show them on a coordinate grid.

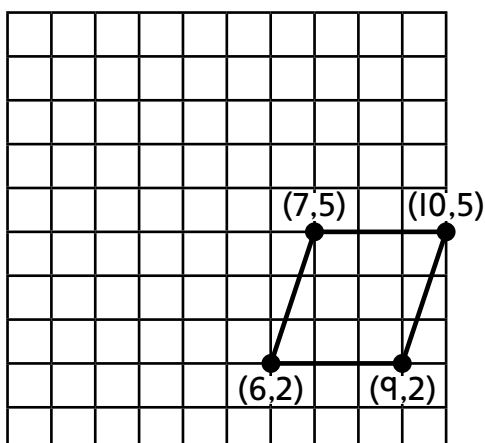


I think there will be four possible sets of vertices.



- 3 This parallelogram has moved 6 units right and 5 units down. Write down the vertices of the parallelogram before it was moved.

Make up your own similar question for your partner to solve.



I will check the answer to my own question first to make sure it can be solved.

