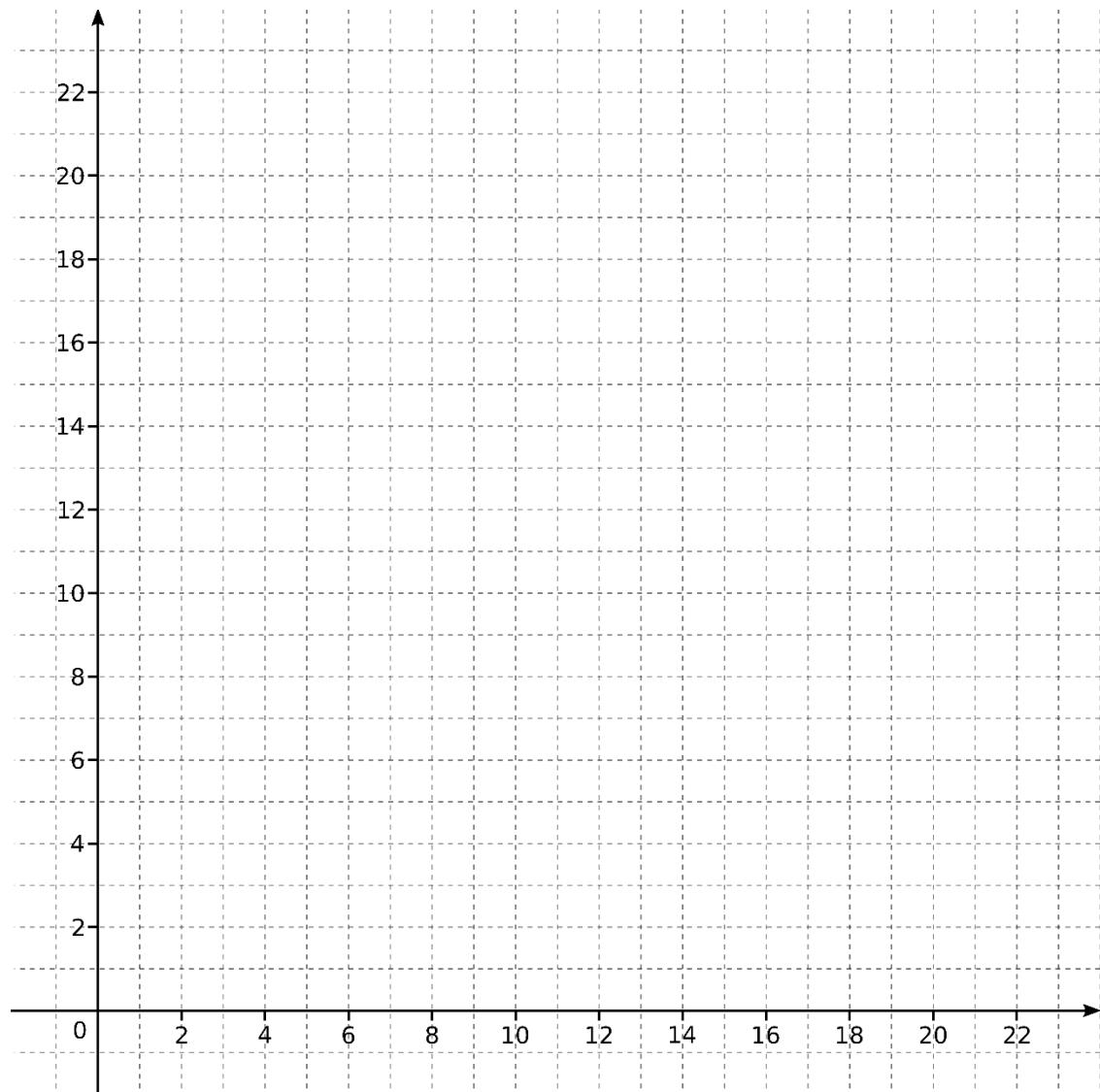


Use a ruler and set square to practise drawing tilted squares. Once you start drawing a square, can you predict where the other corners will be?



Describe how to construct a square when you are given two adjacent corners.

Describe how to construct a square when you are given two opposite corners.

Decide which of the collections of points below form a square.

Can you do this without plotting the points on a grid?

1. (8,3), (7,8), (2,7), (3,2)
2. (3,3), (7,4), (8,8), (4,7)
3. (16,19), (18,22), (21,20), (19,17)
4. (4,20), (21,19), (20,2), (3,3)