

Solve Practical Problems Involving Coordinates Worksheet

Mathematics

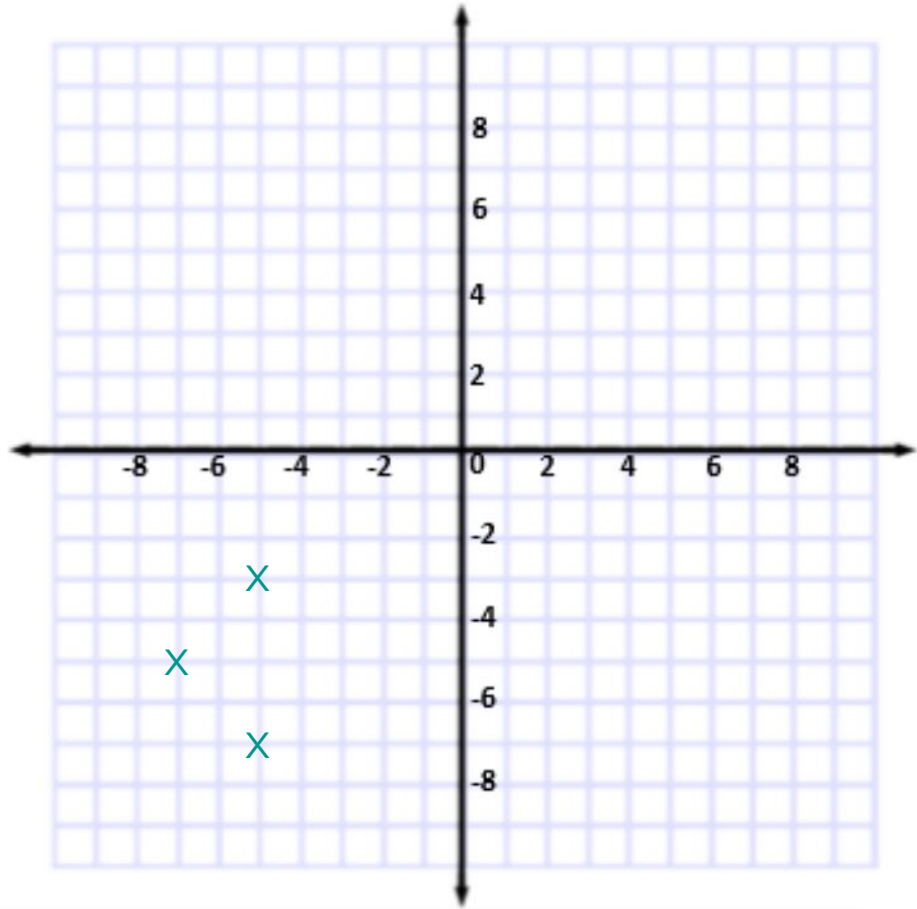
Miss Parsons



Question 1

Three vertices of a square are plotted at the points indicated.

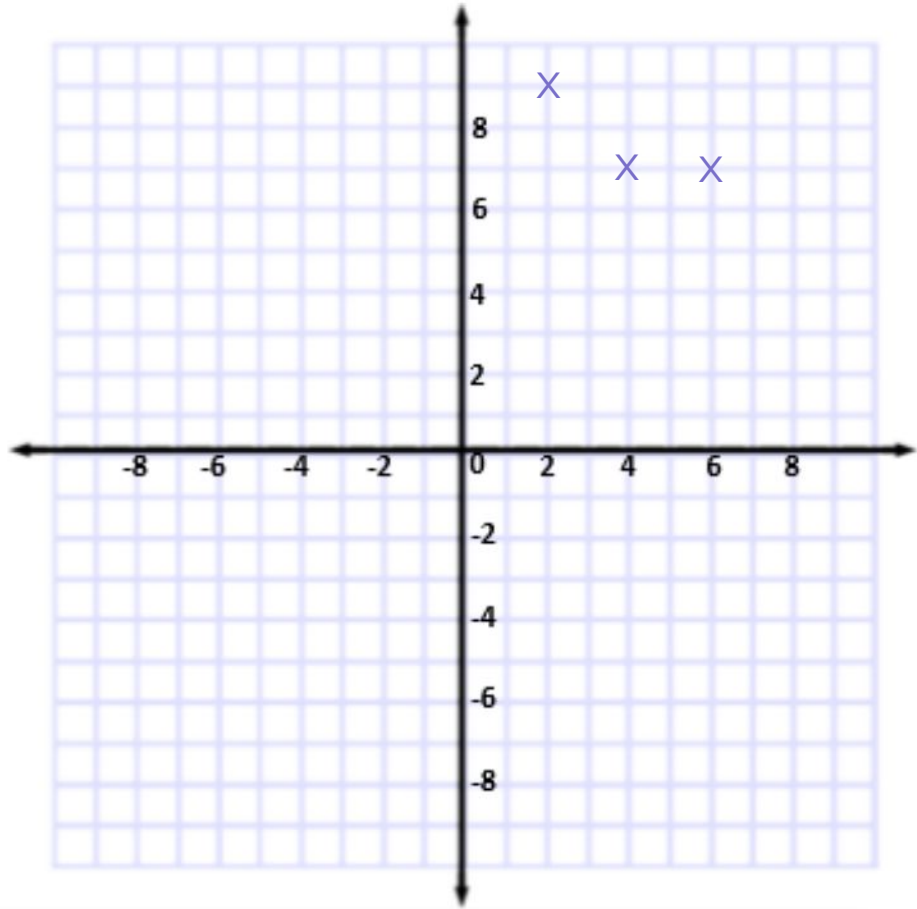
What are the coordinates of the missing vertex?



Question 2

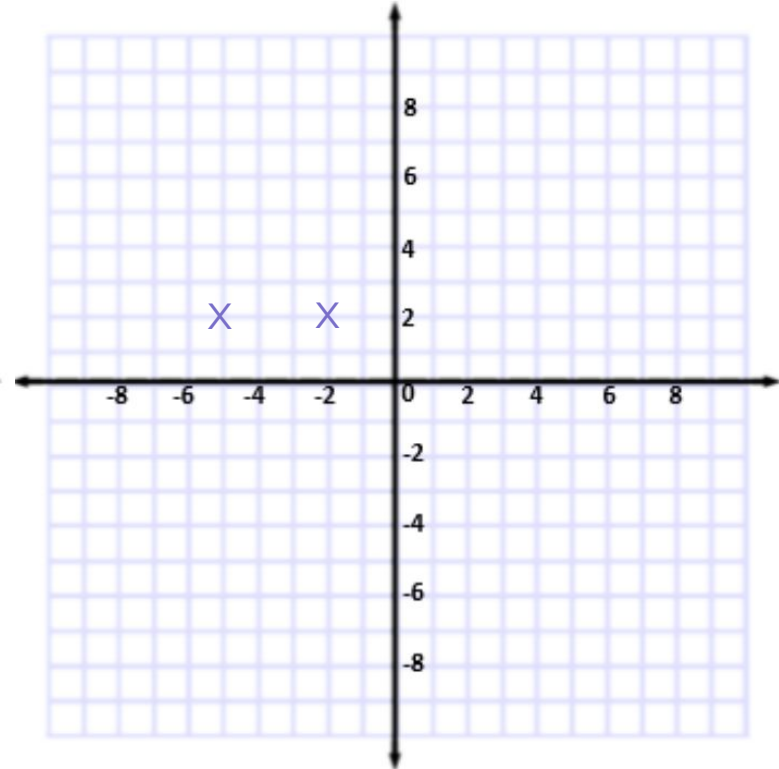
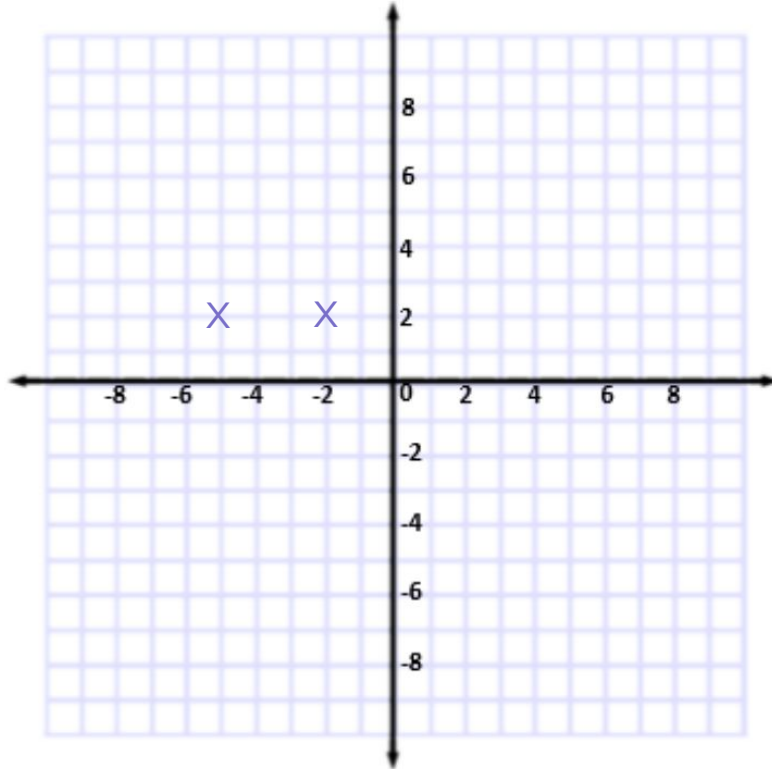
Three vertices of an isosceles trapezium are plotted at the points indicated.

What are the coordinates of the missing vertex?

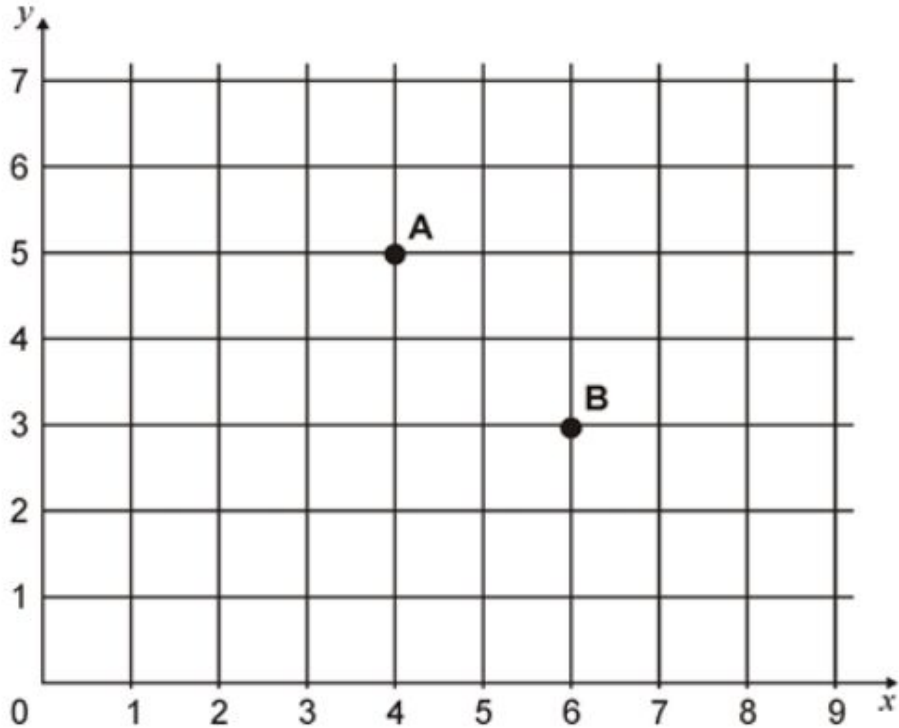


Question 3

Simone has started to draw an equilateral triangle and has plotted two vertices. Complete the triangle in two different ways, describing the missing vertex.



Question 4



A, B, C and D are the vertices of a rectangle.

A and B are shown on the grid.

D is the point (3, 4)

Write the coordinates of point C.



Question 5

Three vertices of a parallelogram are:

$(-9, 5)$

$(-5, 5)$

$(-3, 8)$

What are the coordinates of the missing vertex?

