

Read and plot co-ordinates in the first quadrant.

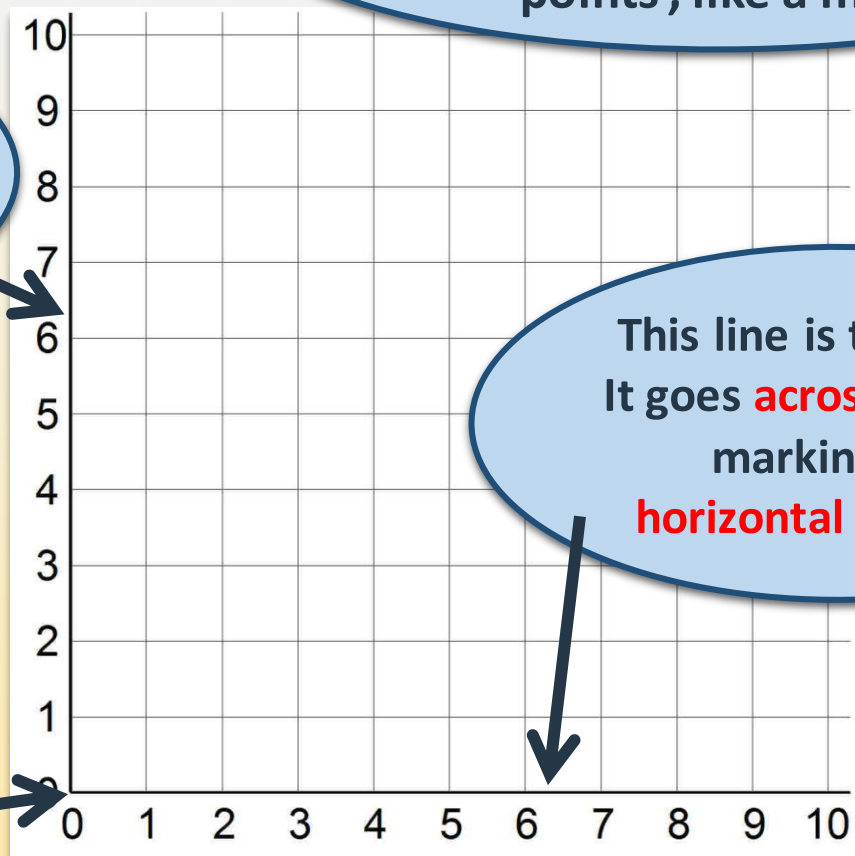
↑
y-axis

This line is the **y-axis**.
It goes **up** the grid,
marking the
vertical position.

This is a
co-ordinate grid. We use it to
plot locations on the grid,
'points', like a map.

This line is the **x-axis**.
It goes **across** the grid,
marking the
horizontal position.

The **origin** is the
point where the x
and y-axes cross.



x-axis →

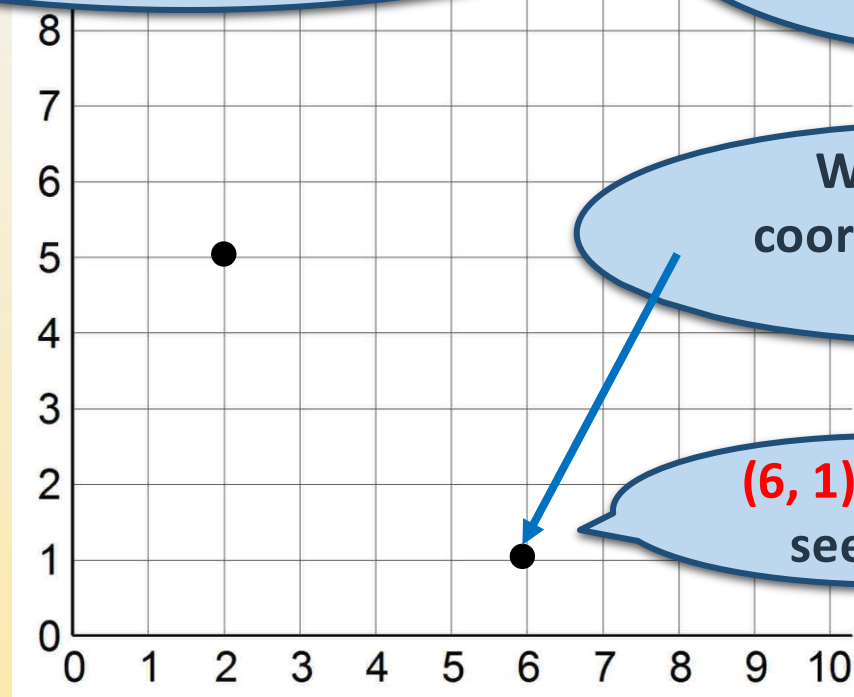
Read and plot co-ordinates in the first quadrant.

This is the 'point' (2, 5).

We write the x position first, then a comma, then the y position; then write brackets around both values.

It is
2 grid squares **across**
from the origin and
5 squares **up**.

↑
y-axis



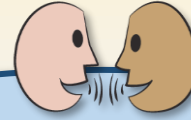
What are the
coordinates of this
point?

(6, 1) Can you
see why?

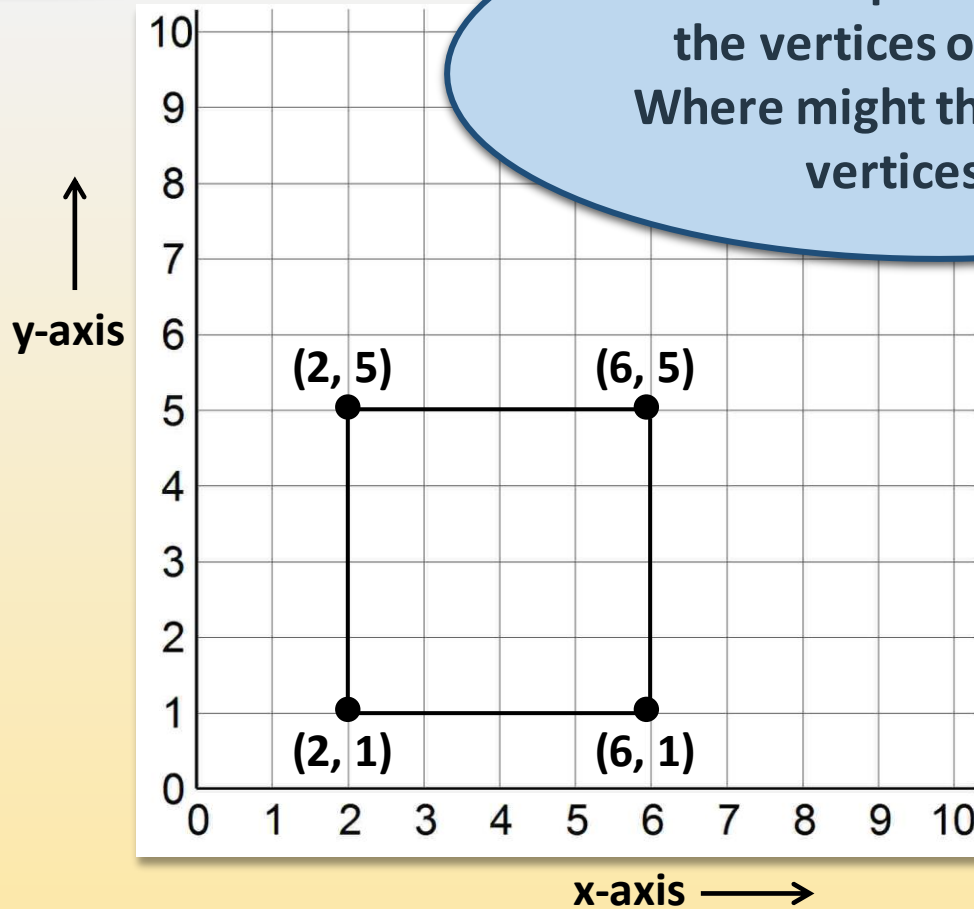
x-axis →

Read and plot co-ordinates in the first quadrant. Complete polygons by identifying missing vertices.

Let's check...



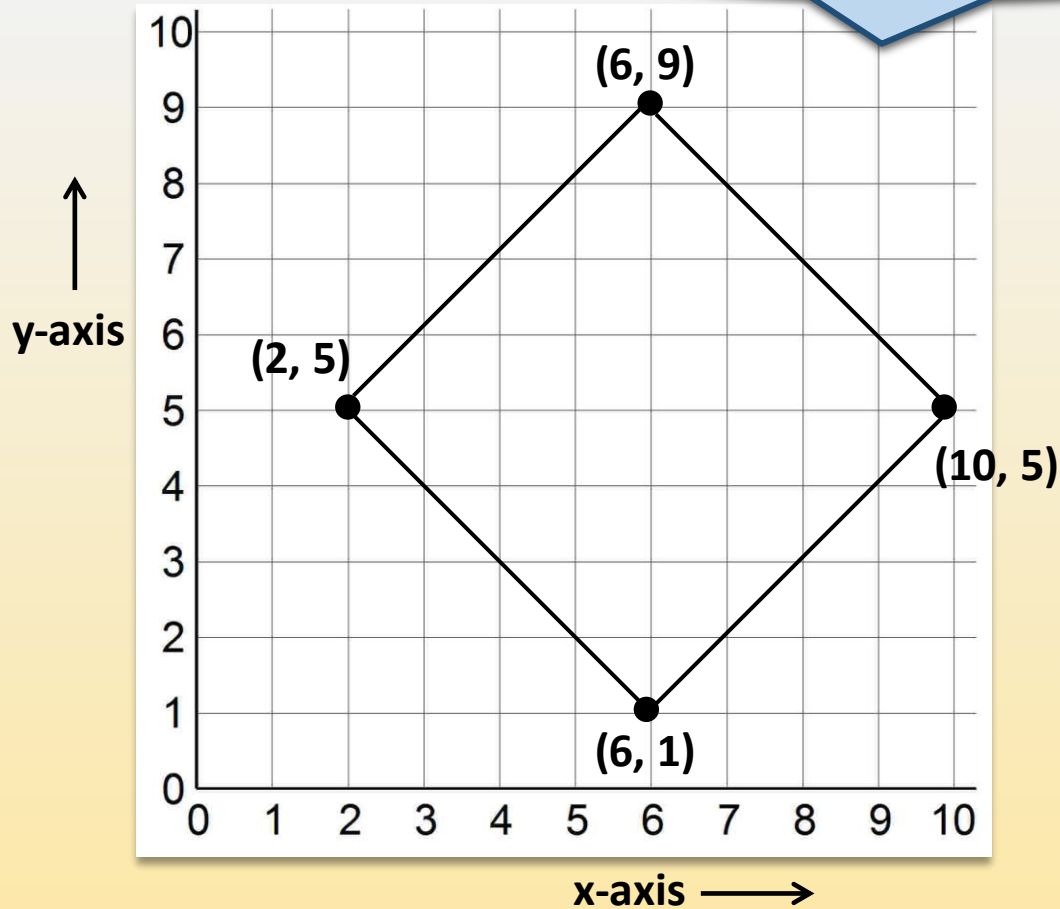
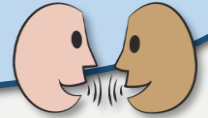
These two points are two of the vertices of a **square**. Where might the other two vertices be?



Read and plot co-ordinates in the first quadrant. Complete polygons by identifying missing vertices.

Let's check...

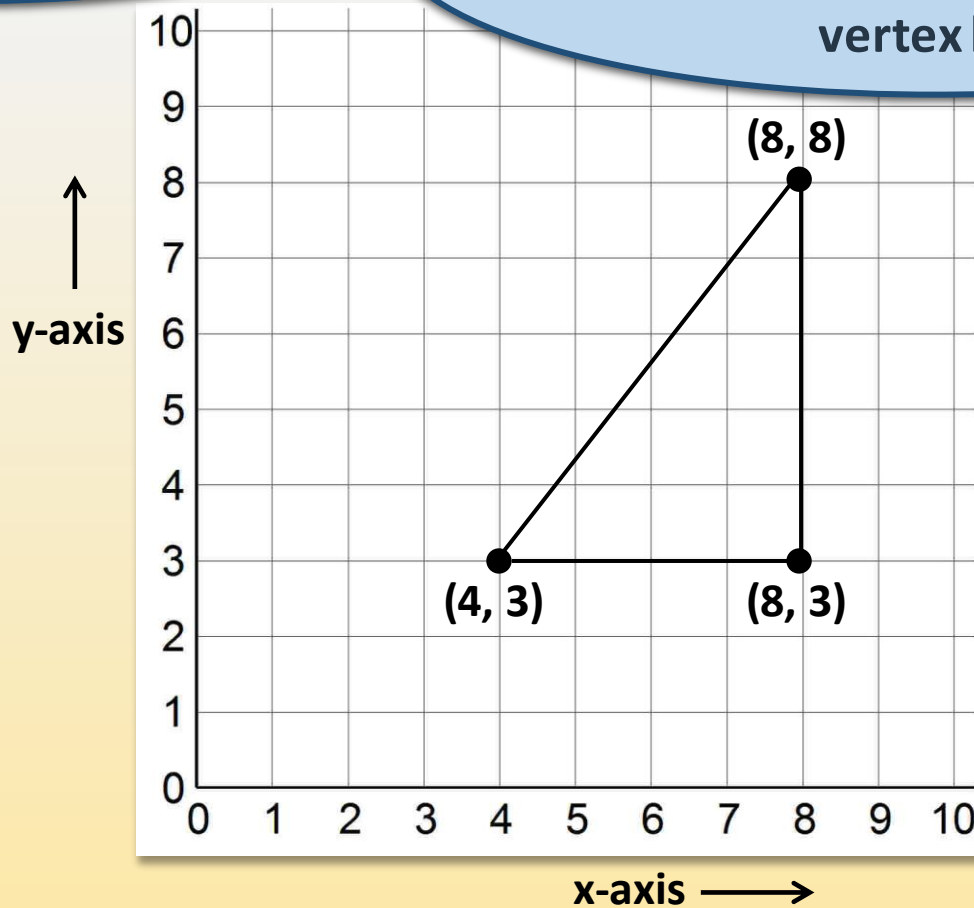
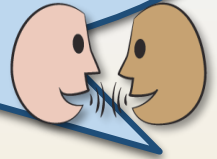
There's another solution, did anybody find it?



Read and plot co-ordinates in the first quadrant. Complete polygons by identifying missing vertices.

Let's check...

These two points are two of the vertices of a **right-angled triangle**. Where might the third vertex be?



Read and plot co-ordinates in the first quadrant. Complete polygons by identifying missing vertices.

Let's check...

Is there another solution?

