

Geometry

L.O To plot coordinates in the first quadrant

10 Quick Questions

1. 4×8

2. 6×9

3. 6×7

4. 5×6

5. 4×4

6. 7×5

7. 8×8

8. 12×8

9. 7×11

10. 5×30

1. 32

2. 54

3. 42

4. 30

5. 16

6. 35

7. 64

8. 96

9. 77

10. 150

What does the word **coordinate** mean?

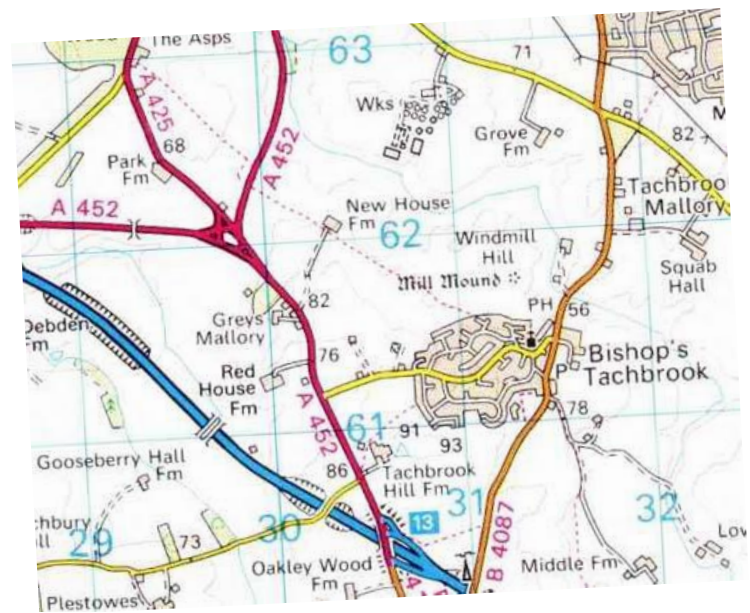
To coordinate means to do something in a **set order**.

So **coordinates** are a **way of ordering things** exactly

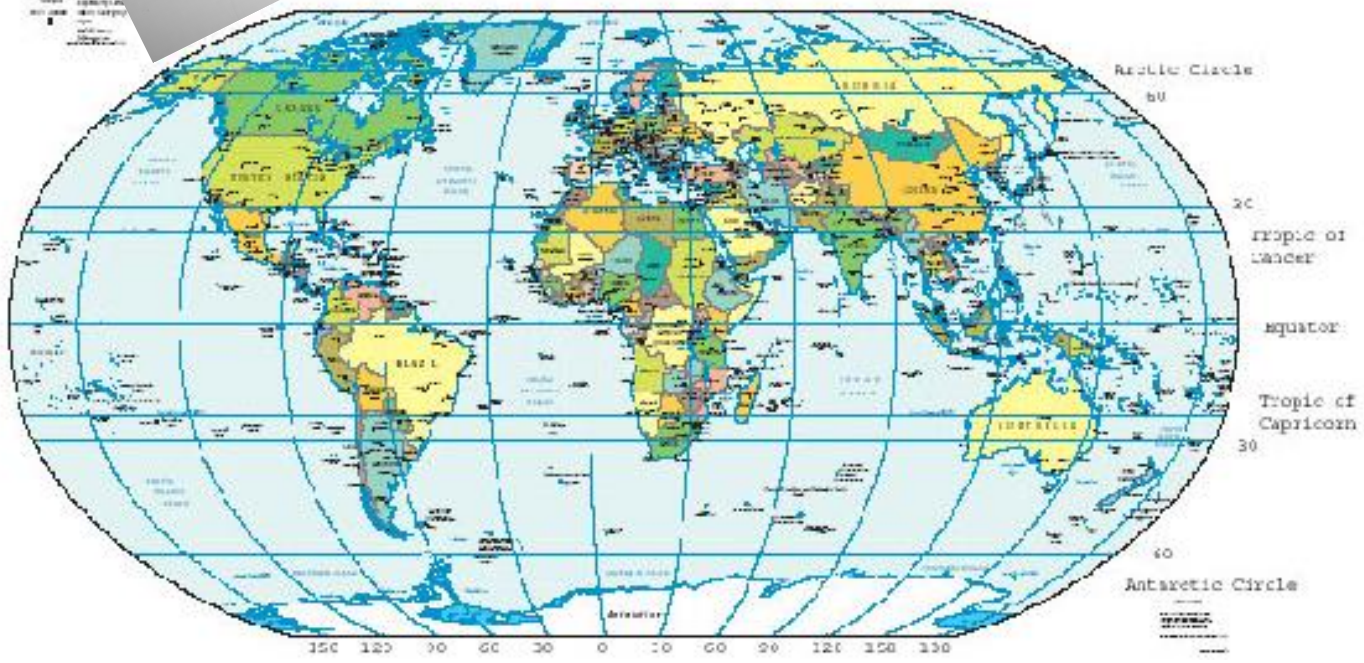
2 MINUTES

With the person next to you.
Discuss where you have
seen or used coordinates

Apart from in a Maths Lesson!



Political Map of the World

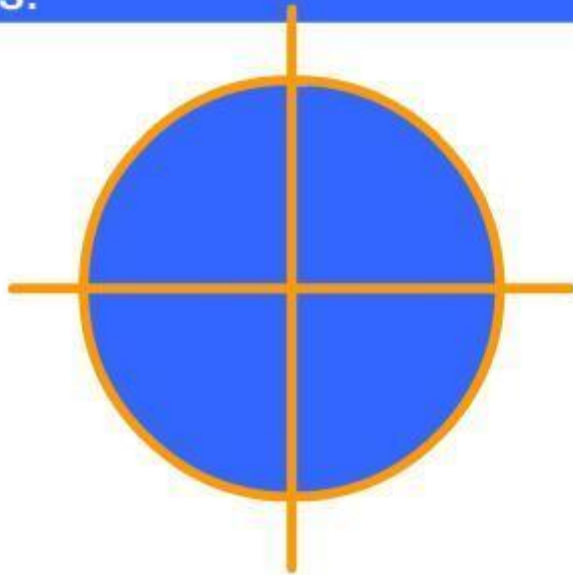


Examples

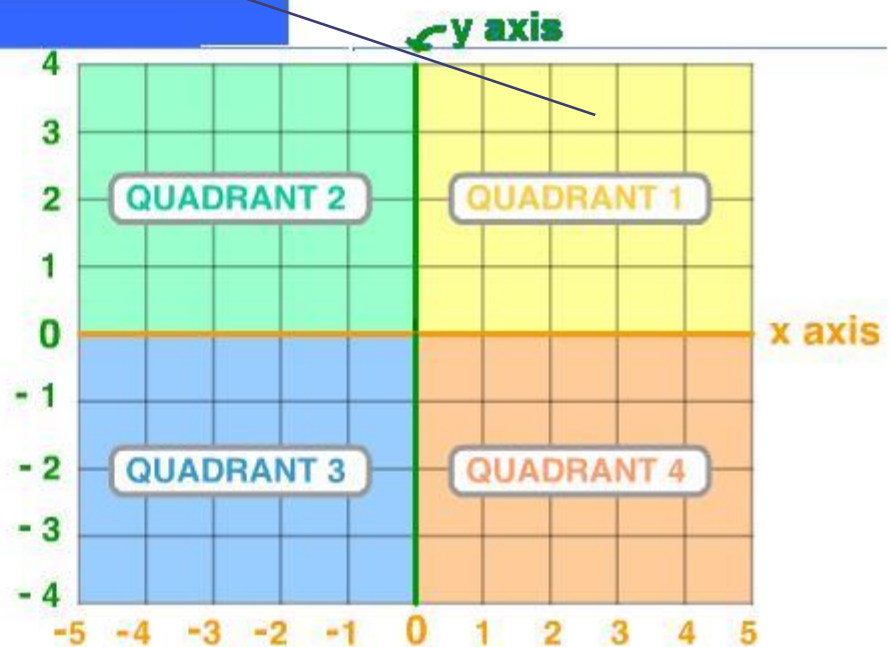
Key words:

- Quadrant 1

EXAMPLES:



A quarter of a circle.



Any quarter of the plane divided by an x and y axis.

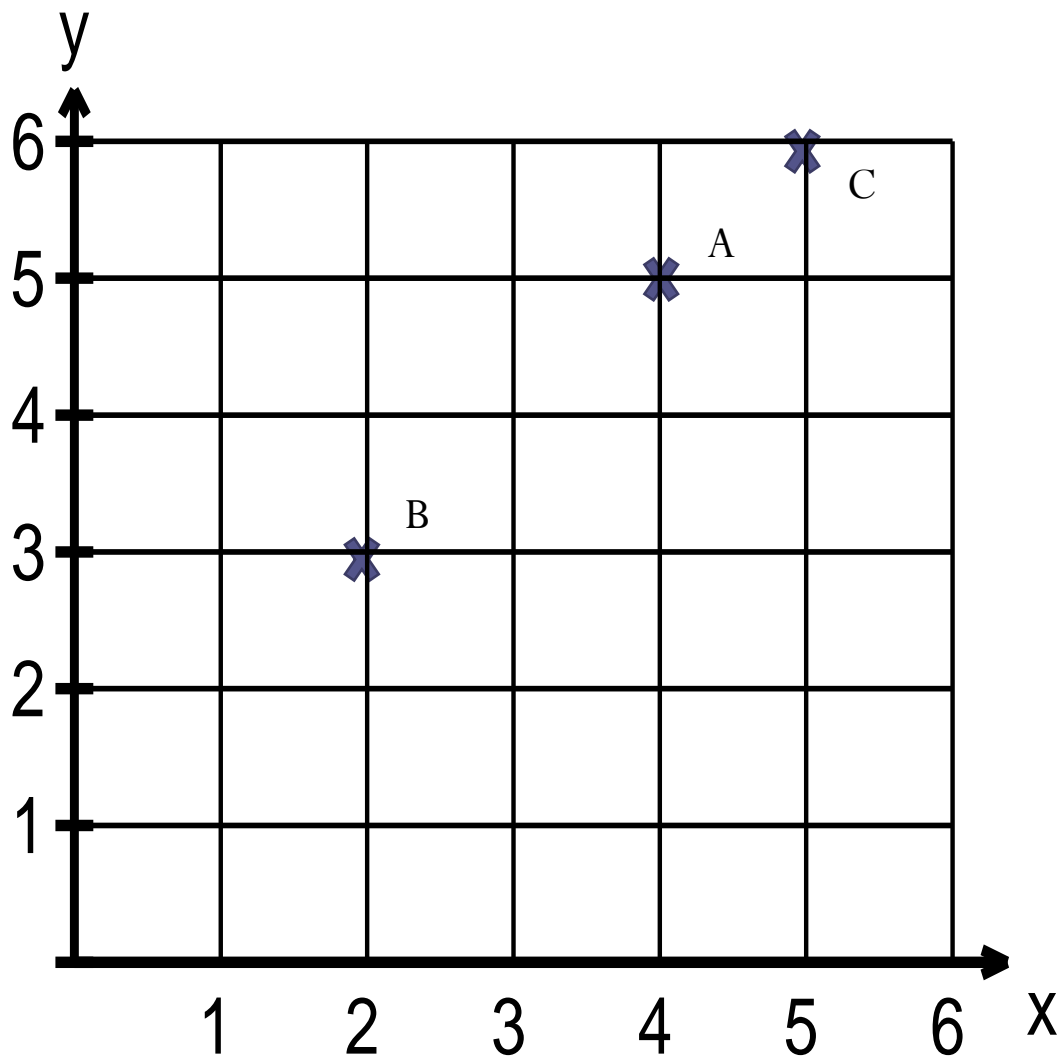
Plotting the point (4,2)

Think about Mr Grafton's squirrel!!

The squirrel will **run along the ground** first (the x axis) **4 spaces** then the squirrel will **climb up the tree** (the y axis) **2 spaces**.

This is the spot you need to mark as (4,2)

Plotting coordinates



A(4,5)

B(2,3)

C(5,6)