Maths

Starter

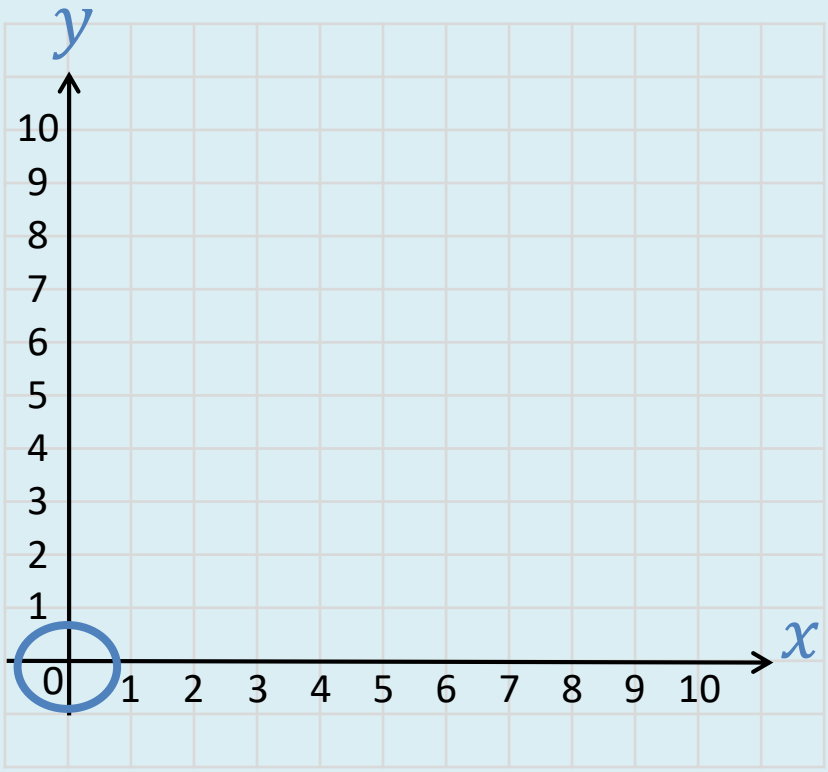
SPEED TABLES

WALT

WALT plot coordinates on the 1st quadrant.

- ✓ I know what a quadrant is.
- ✓ I can use the x and y axis to plot coordinates.
- ✓ I can find missing coordinates.

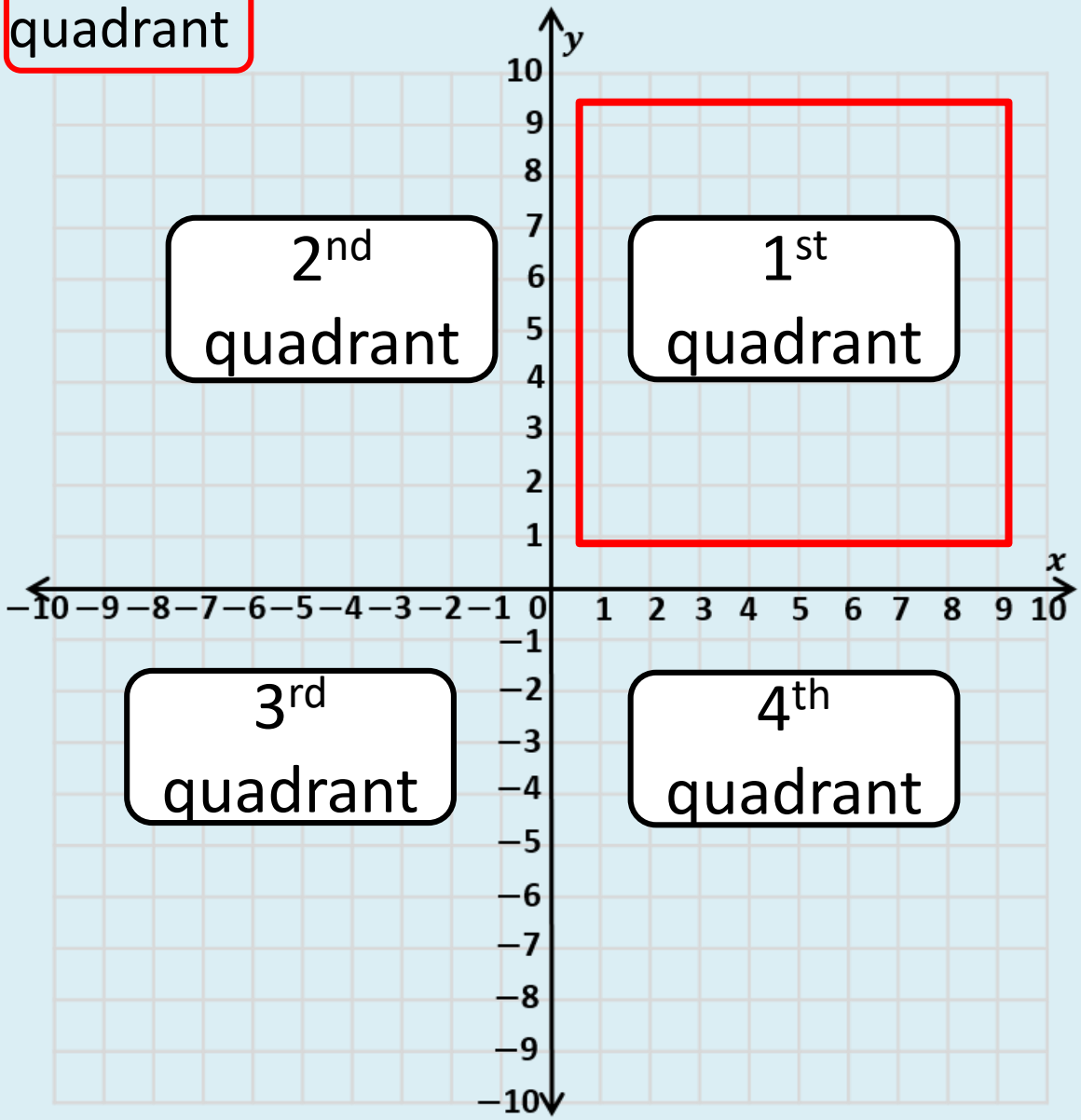
1) Where is the origin on the graph?

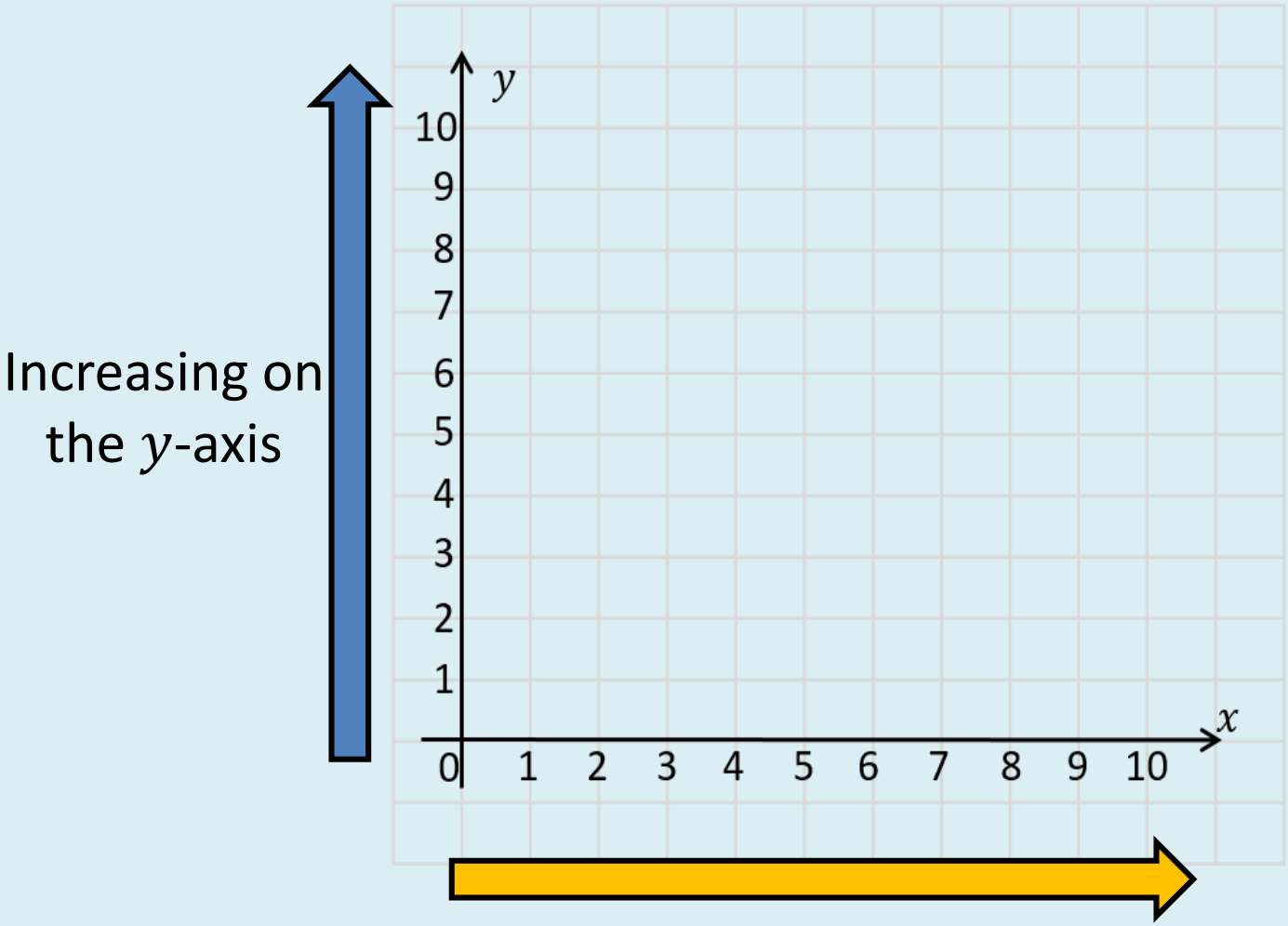


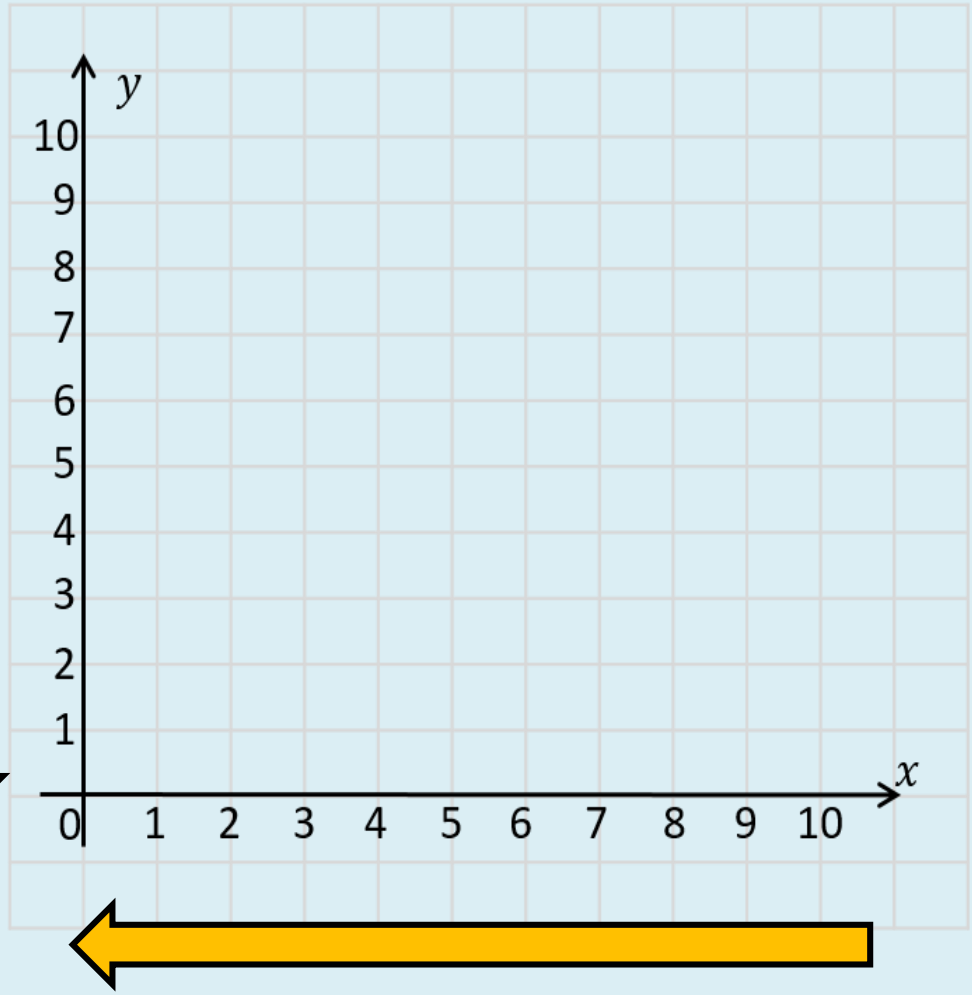
2) Where are the x- and y-axis on the graph?

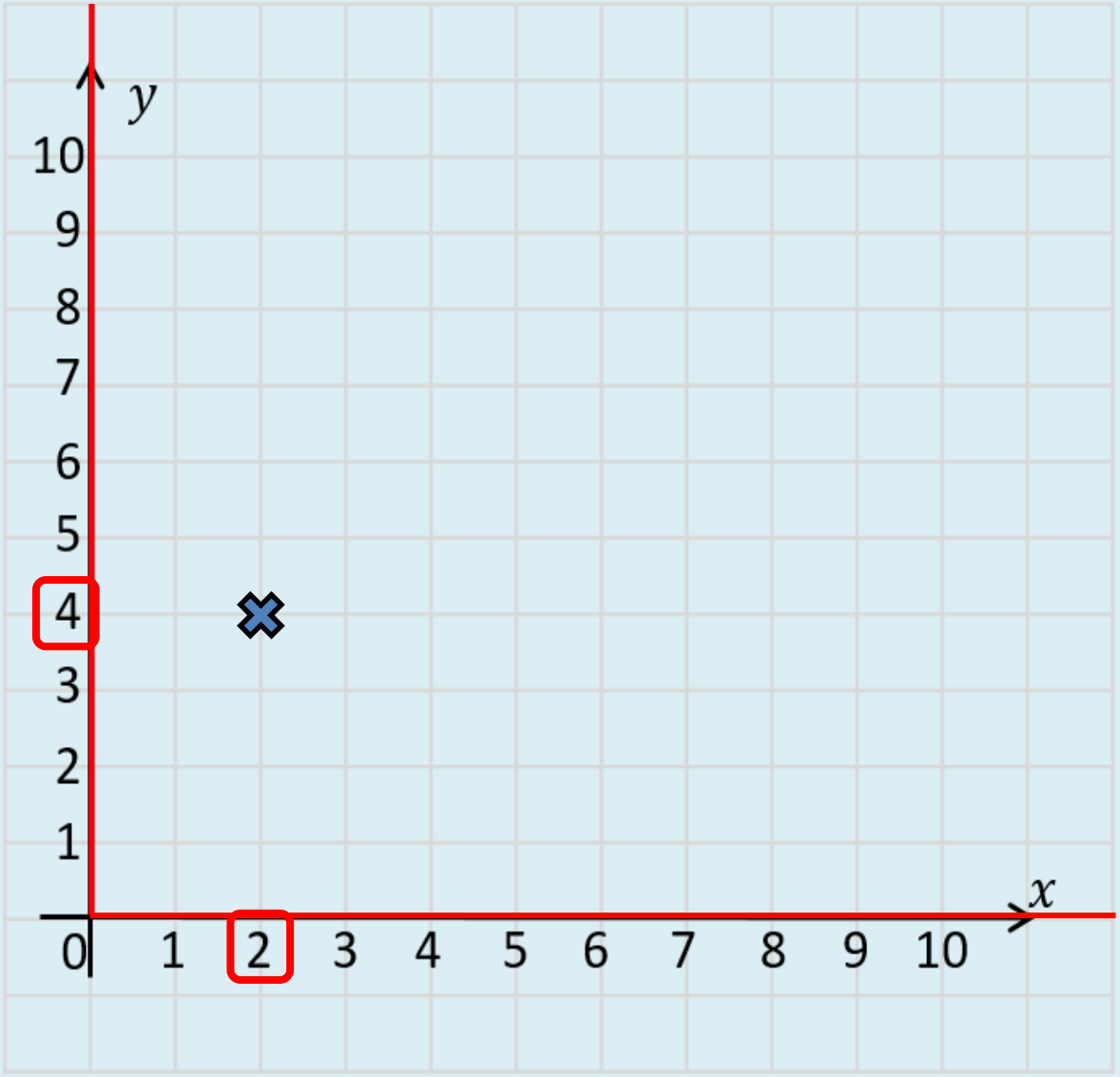
3) Which number represents the y-coordinate in the coordinate pair (5 , 7)?

The first quadrant




Increasing on the y-axis
y
10
9
8
7
6
5
4
3
2
1
0
1
2
3
4
5
6
7
8
9
10
x
Increasing on the x-axis


Decreasing
on the y-axis
y
10
9
8
7
6
5
4
3
2
1
0
1
2
3
4
5
6
7
8
9
10
x
Decreasing
on the x-axis

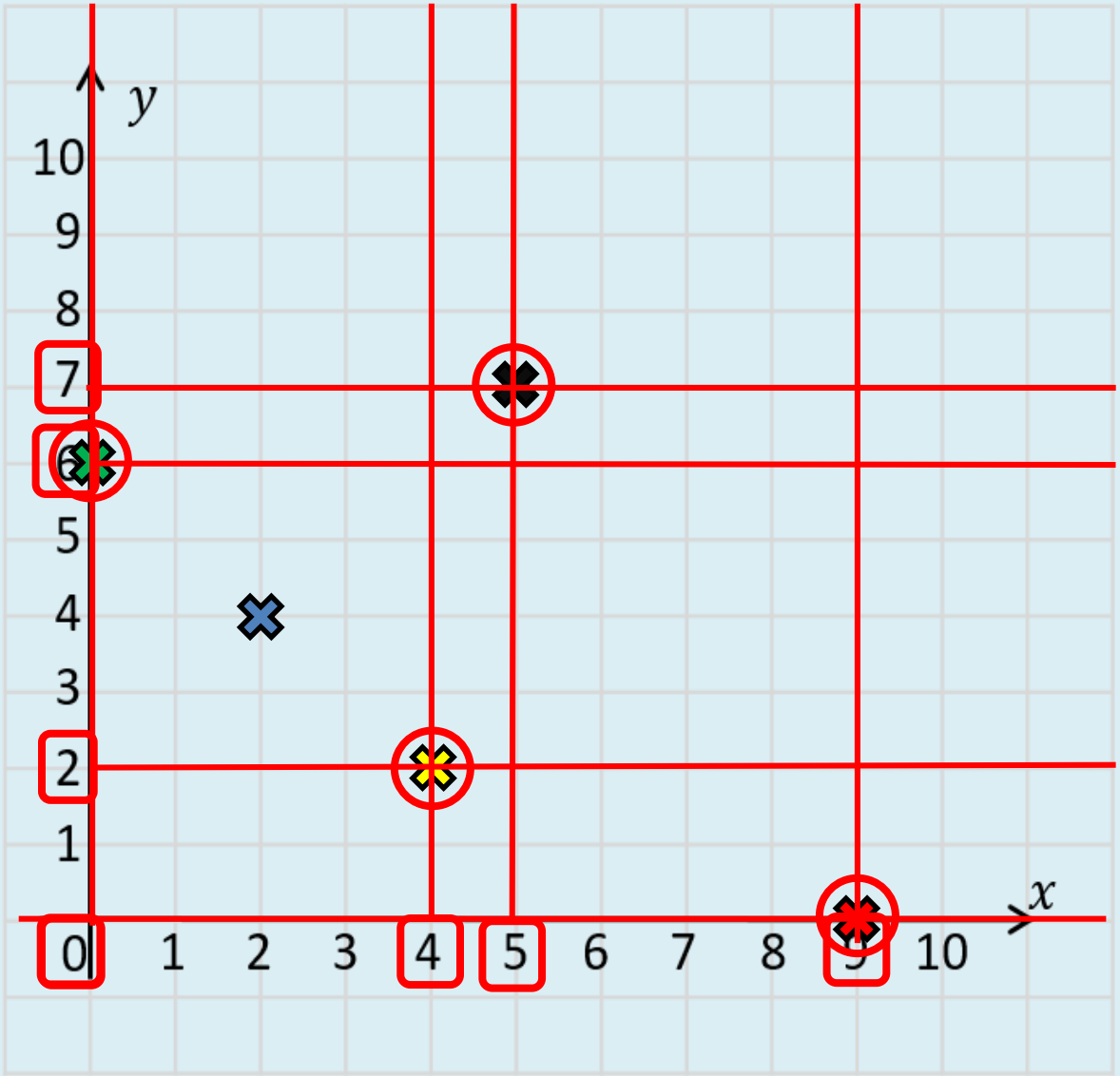


How can we describe the position of point ✖?

✖ (2 , 4)

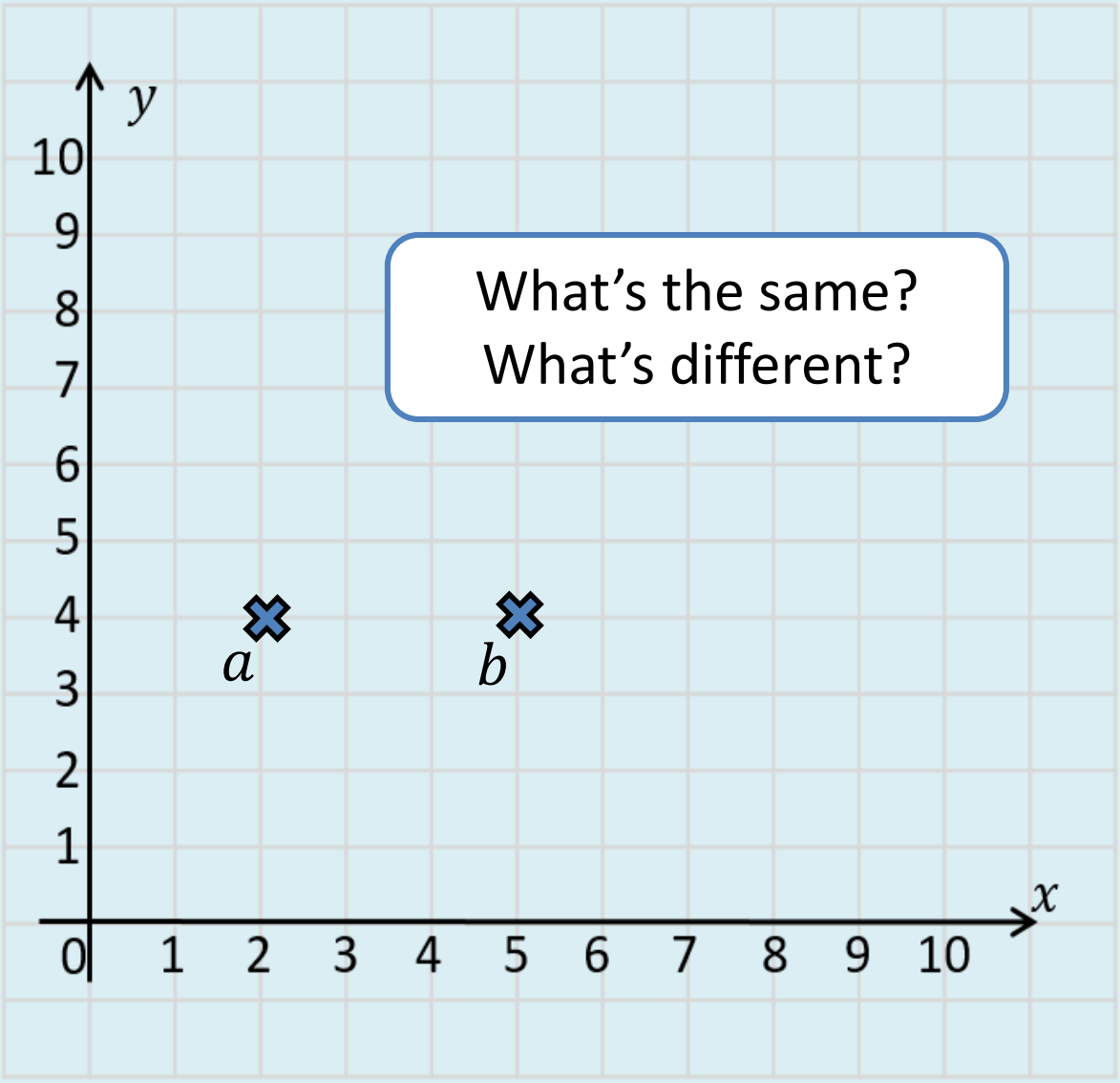
The position on the x-axis

The position on the y-axis



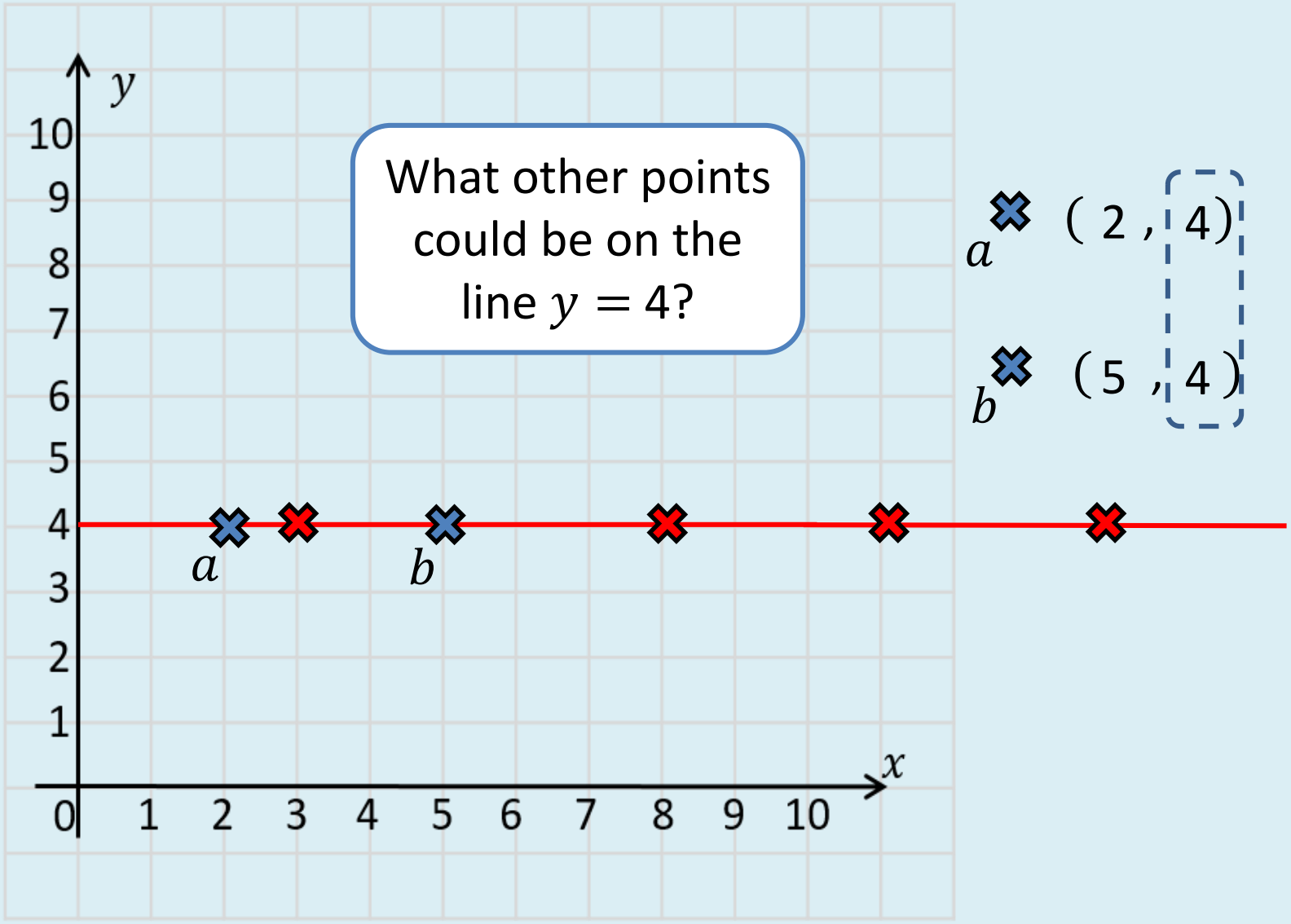
Have a think

	x	y
✖	2	4
✖	4	2
✖	5	7
✖	0	6
✖	9	0

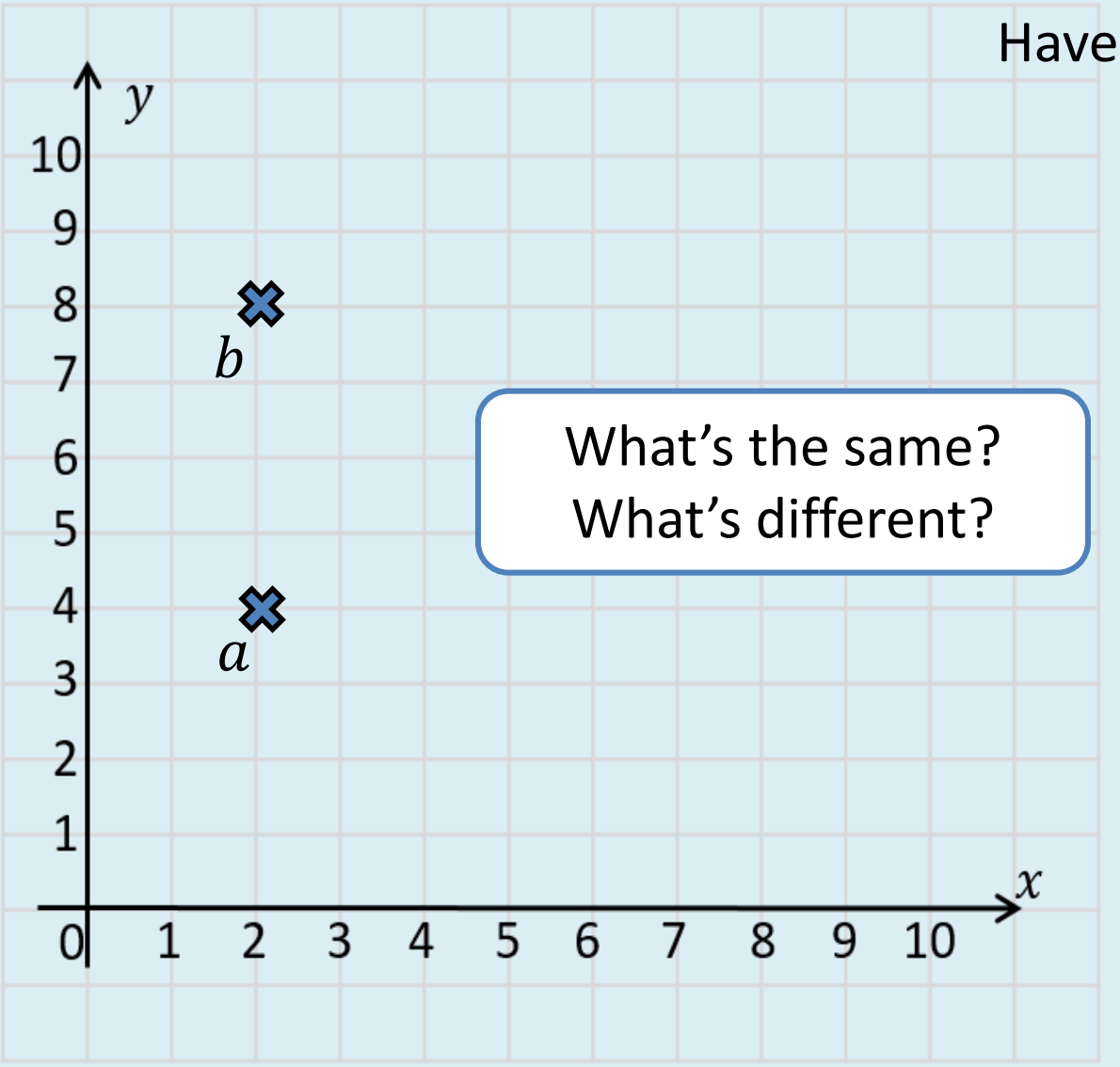


What's the same?
What's different?

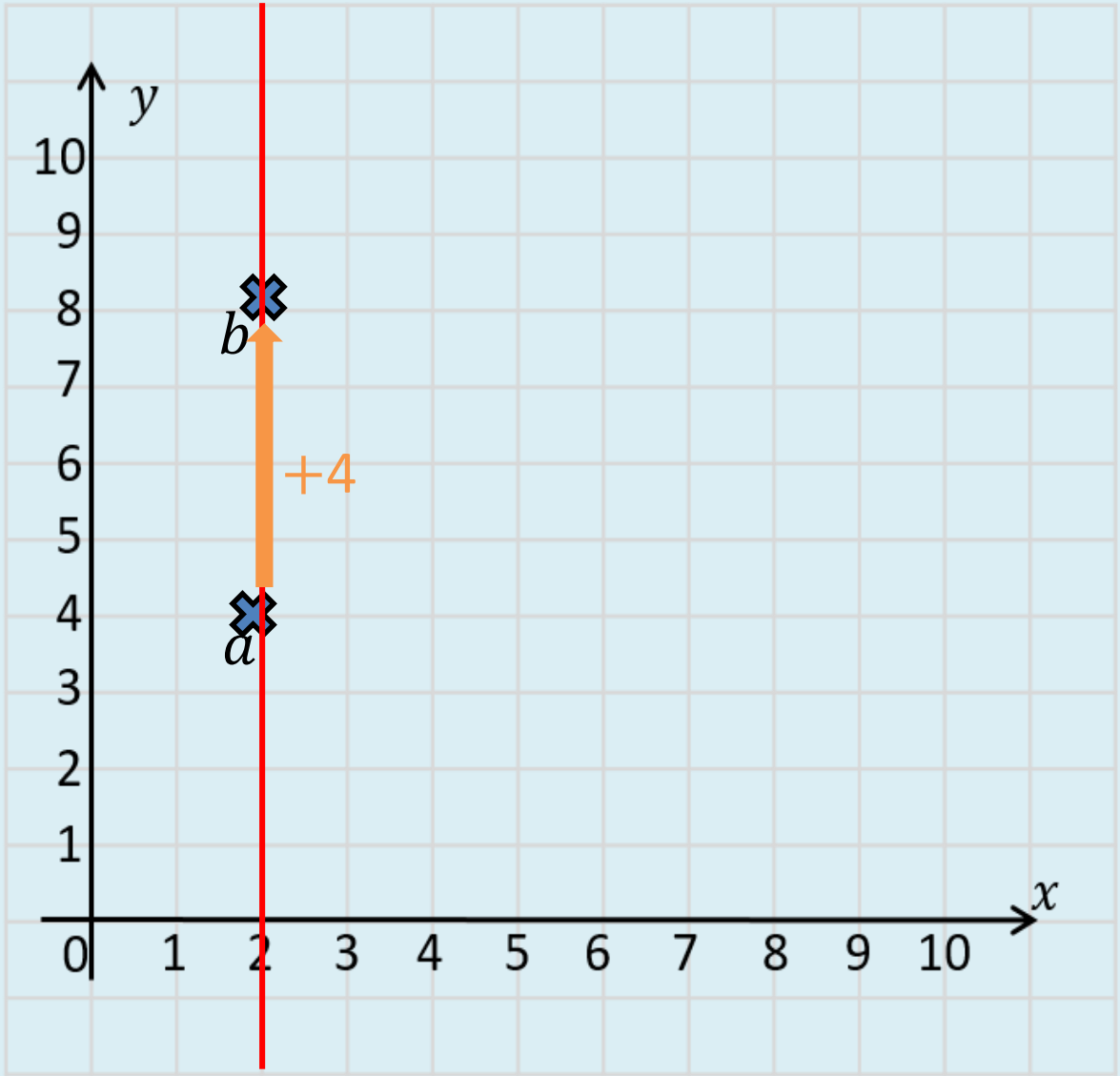
Have a think

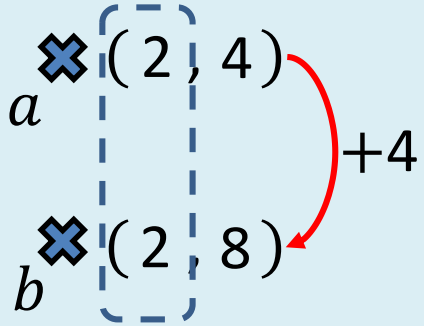

What other points could be on the line $y = 4$?
a (2 , 4)
b (5 , 4)
y
x
a
b
0 1 2 3 4 5 6 7 8 9 10
1 2 3 4 5 6 7 8 9 10

Have a think



What's the same?
What's different?


y
10
9
8
7
6
5
4
3
2
1
0
1
2
3
4
5
6
7
8
9
10
x
b
a
+4


a
(2, 4)
b
(2, 8)
+4

Have a go at the questions on the worksheet...

04/01/21

WALT plot on the 1st quadrant.

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