1. Amina has not finished the table of values or drawing the line y = 4x - 3

x	-2	-1	0	1	2	3	4	5
y	-11	-7	-3	1	5	9		

            √   √   √   ↑   ↑
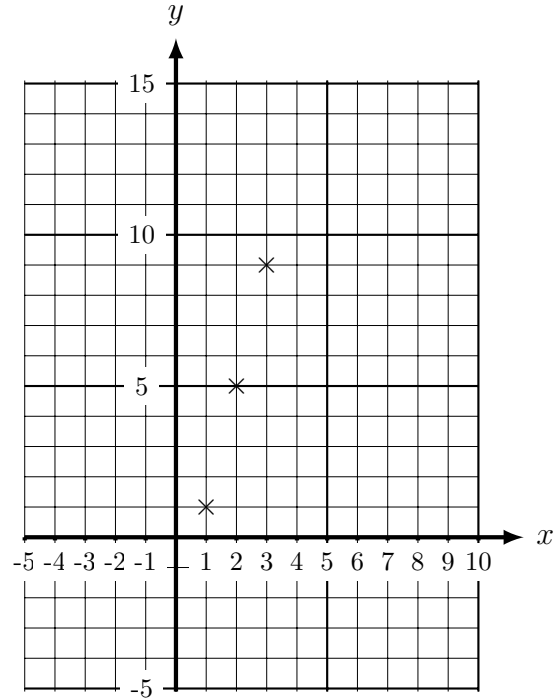
The teacher said well done Amina:

- the values in the table are correct
- 3 points on the graph are correct

Finish this question for Amina:
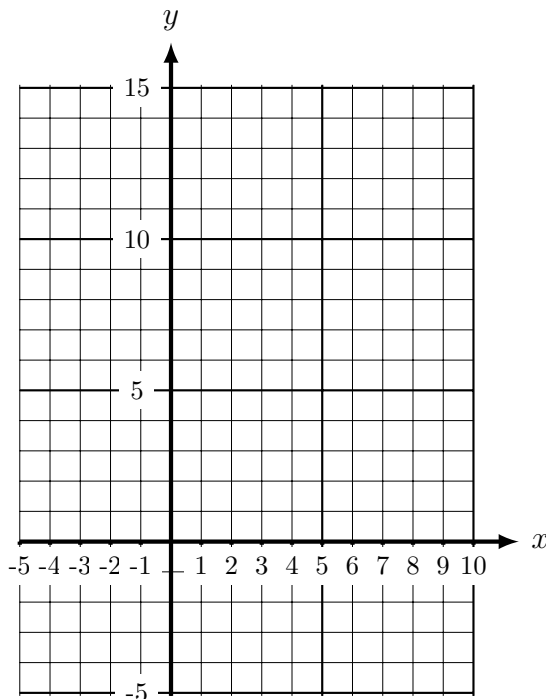
- draw the line y = 4x - 3
- complete the table of values

2. (a) Complete the table of values for y = 4x + 3

Hint (a) continue this sequence →

x	-2	-1	0	1	2	3
y	-5	-1	3	7	11	

      ×   ×   ×   ↑   ↑   ↑

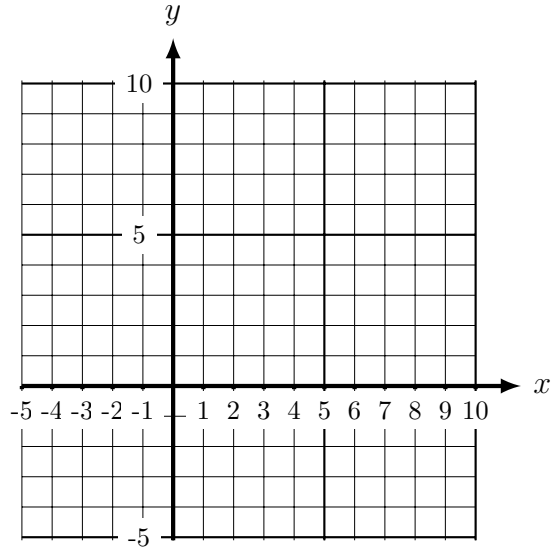**Hint (b)** ignore the 0 and negatives, ...   plot the easiest points first

(b) On the grid, draw the line y = 4x + 3, for values of x from -2 to 3.

3. (a) Complete the table of values for drawing the line y = x

   (b) On the grid, draw the line y = x, for values of x from 0 to 10.

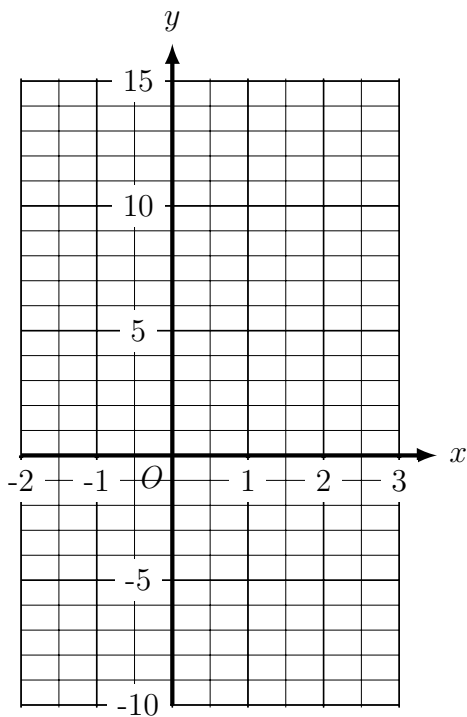| x	0	1	2	3	4	5	6	7
y	0	1	2	3				
	×	√	√	√	↑	↑	↑	↑

Key of hints:

     ×　ignore the 0 and negatives

     √　plot the easiest points first

     ↑　fill in the missing values

4. (a) Complete the table of values for y = 3x - 2

x	-2	-1	0	1	2	3
y			-2	1		

   (b) On the grid, draw the line y = 3x - 2, for values of x from -2 to 3.

5. This example shows the cover up method to find two points on the line $y = 3x + 5$

$$y = 3x + 5 \qquad y = \boxed{} + 5 \qquad y = 3\blacktriangle + 5$$

the line   when x = 0   when x = 1

x	0	1
y	5	8

Complete this table for the line

$$y = 2x + 3$$

x	0	1
y		

6. Carson want to draw the line y = 2

(a) Help Carson by filling in **one** of these tables

x	1	2	3
y			

or

x			
y	1	2	3

(b) Complete this table for the line y = x

x	1	2	3
y			

(c) Complete this table for the line y = -x

x	1	2	3
y			

(d) Complete this table for the line x + y = 7

x	1	2	3
y			

7. On the grid, draw the line y = 2x + 5, for values of x from -2 to 3.
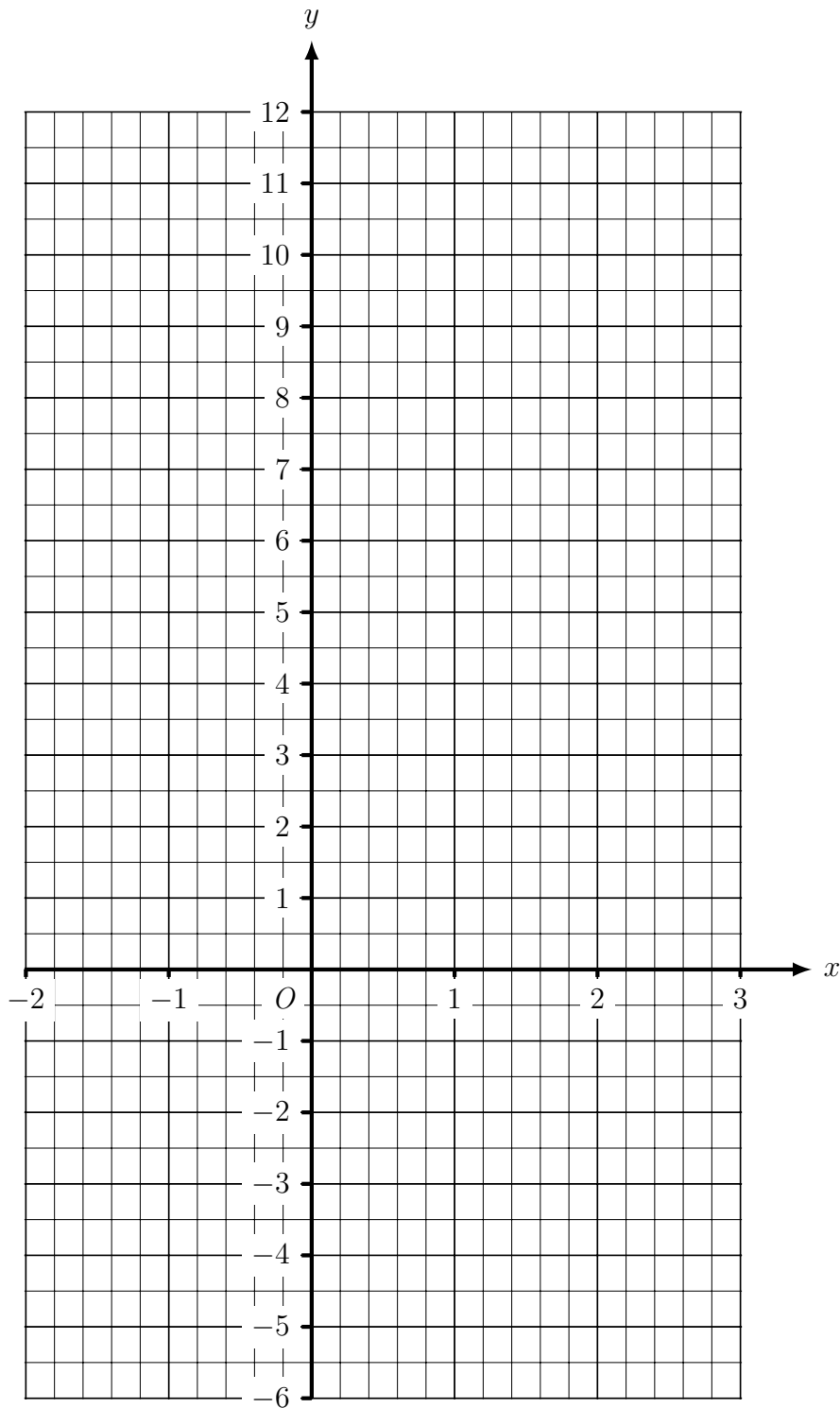
8. {NO table of values given, and NC}

    (a) On the grid, draw the line y = x

    (b) On the grid, draw the line y = -x

    (c) On the grid, draw the line y = 3

    (d) On the grid, draw the line x = -2

    (e) On the grid, draw the line x + y = 8