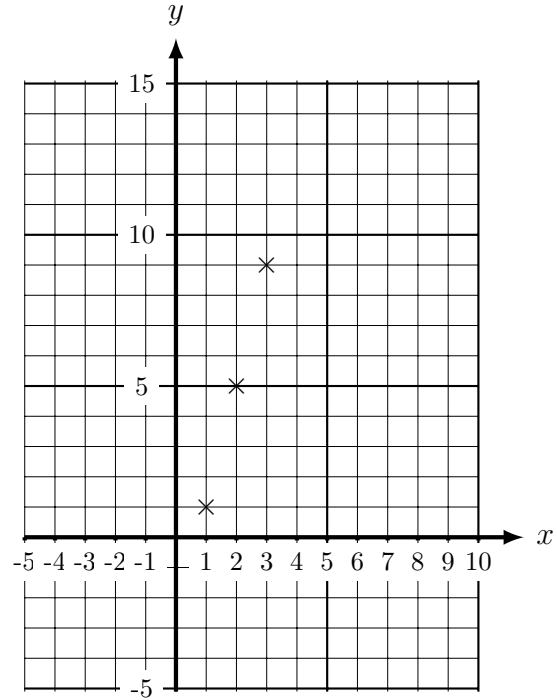


1. Amina has not finished the table of values or drawing the line $y = 4x - 3$

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

\checkmark \checkmark \checkmark \uparrow \uparrow



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

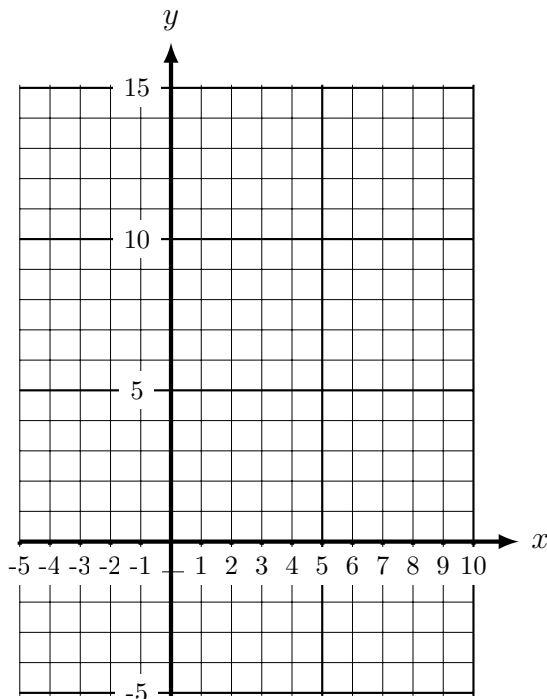
2. (a) Complete the table of values for $y = 4x + 3$

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

\times \times \times \uparrow \uparrow \uparrow

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

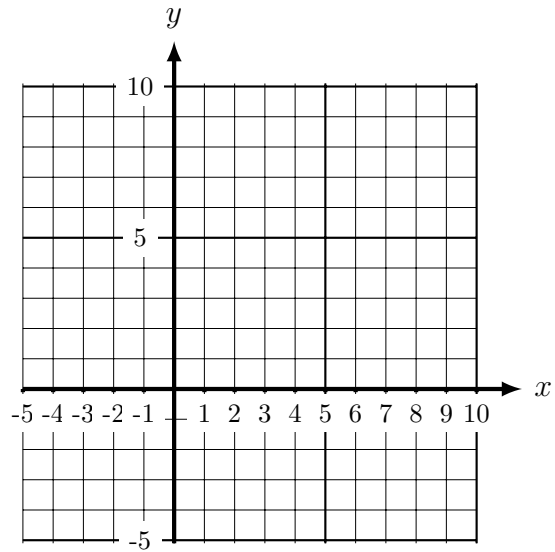
(b) On the grid, draw the line $y = 4x + 3$, for values of x from -2 to 3.



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

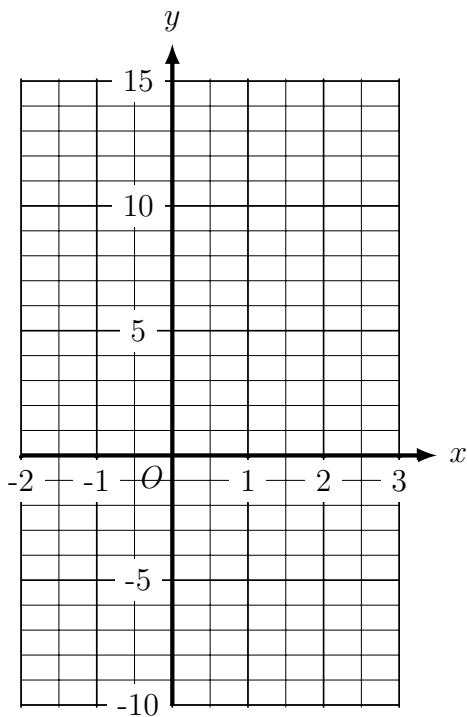
✓ plot the easiest points first

↑ 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 $y = 3x + 5$

$$y = 3x + 5$$

the line

$$y = \text{☐} + 5$$

when $x = 0$

$$y = 3\text{▲} + 5$$

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			

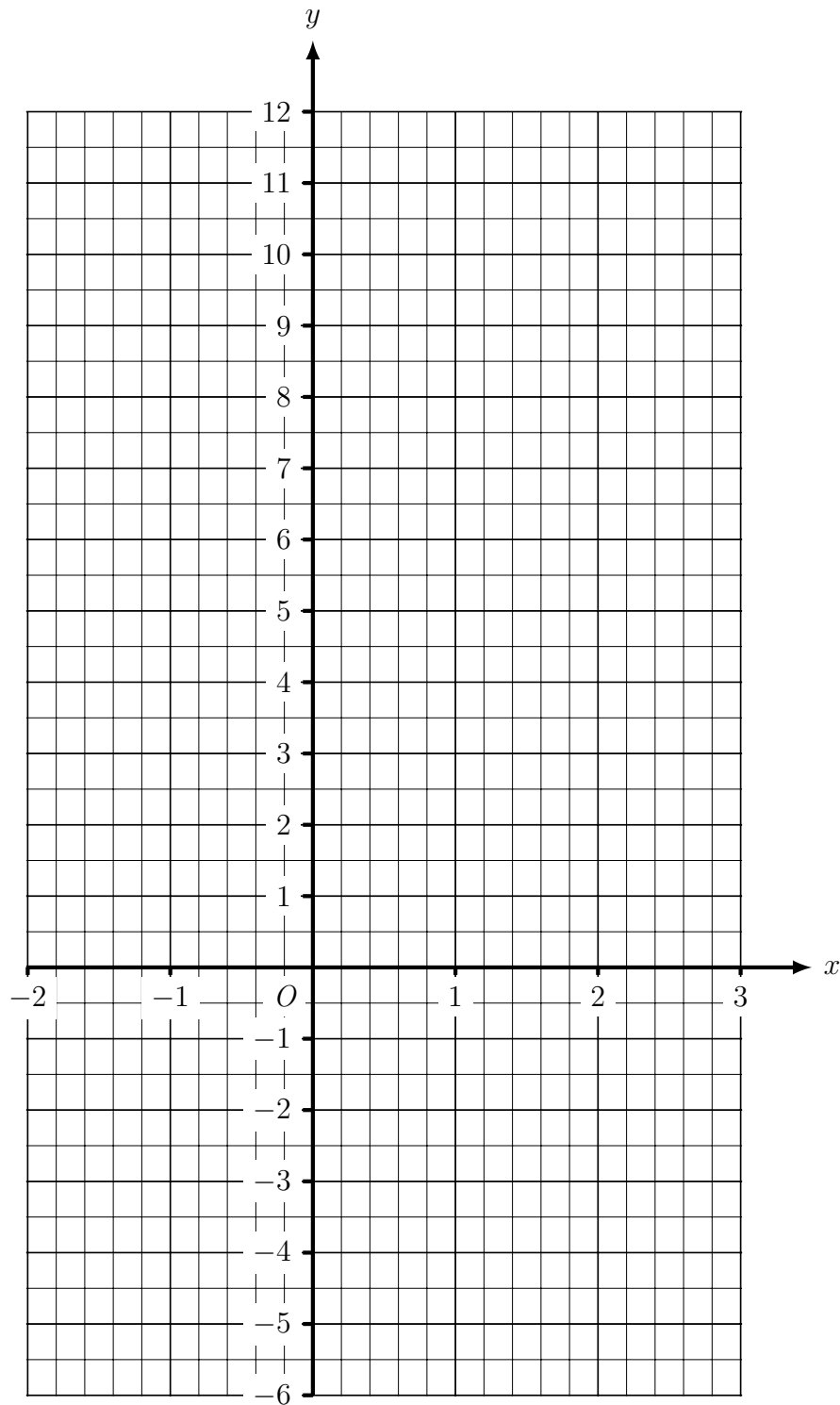
(c) Complete this table for the line $y = -x$

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 .



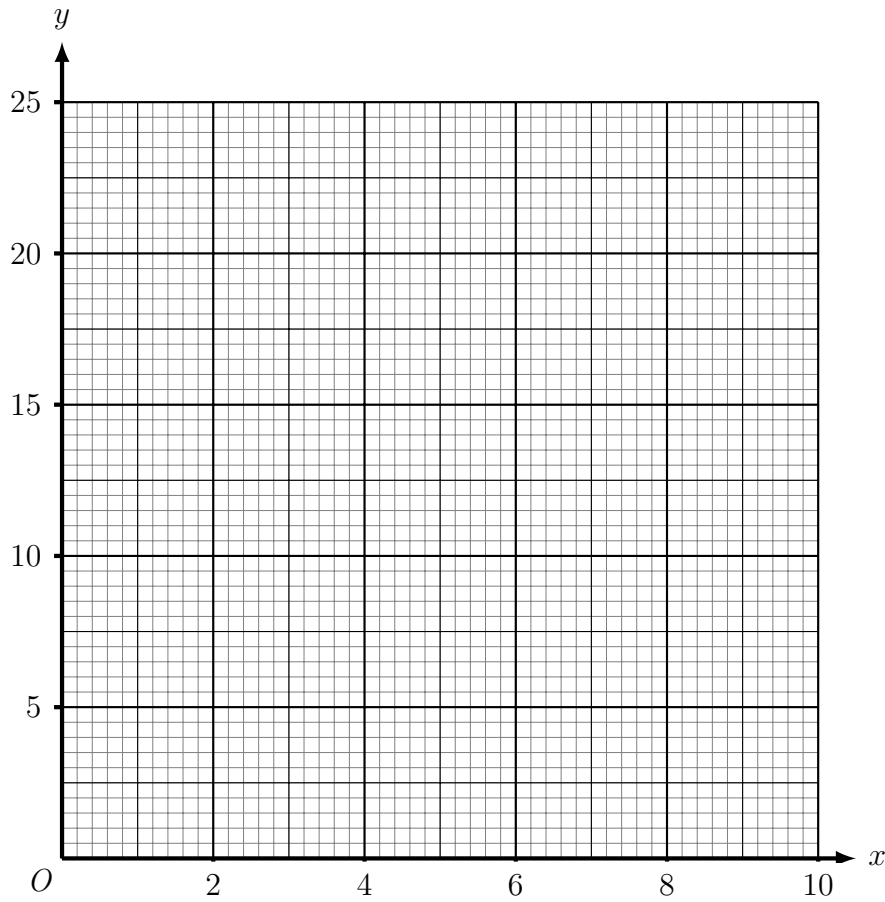
8. {NO table of values given, and NC}

- (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 $x + y = 8$

9. (a) Complete the table of values for $y = \frac{10}{x}$

x	0.5	1	2	2.5	4	5	10
y			5		2.5		

- (b) On the grid below draw the graph of $y = \frac{10}{x}$ for values of x from 0.5 to 10



(c) Complete the table of values for $y = x^2 + 2x - 3$

x	-4	-3	-2	-1	0	1	2	3
y			-3					12

(d) On the grid below draw the graph of $y = x^2 + 2x - 3$ for values of x from -3 to 3

