

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

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

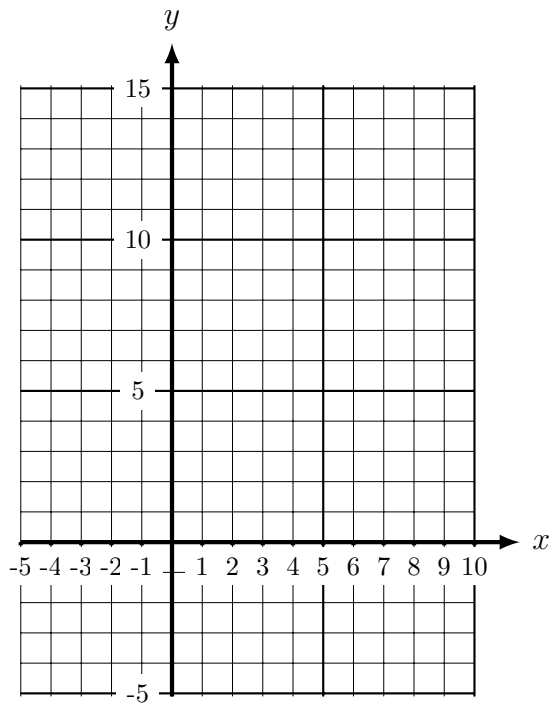
Hint (a) continue this sequence \rightarrow

\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 $y = 2x + 3$, for values of x from -2 to 3.



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

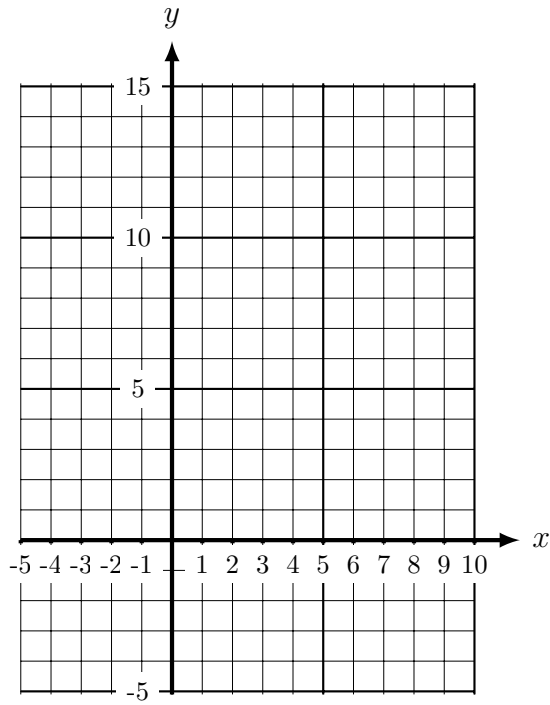
x	-2	-1	0	1	2	3
y	-2	1	4	7		

Hint (a) continue this sequence \rightarrow

\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 $y = 3x + 4$, for values of x from -2 to 3.



3. (a) Complete the table of values for $y = 6x - 4$

x	-1	0	1	2	3	4
y	-10	-4	2	8	14	

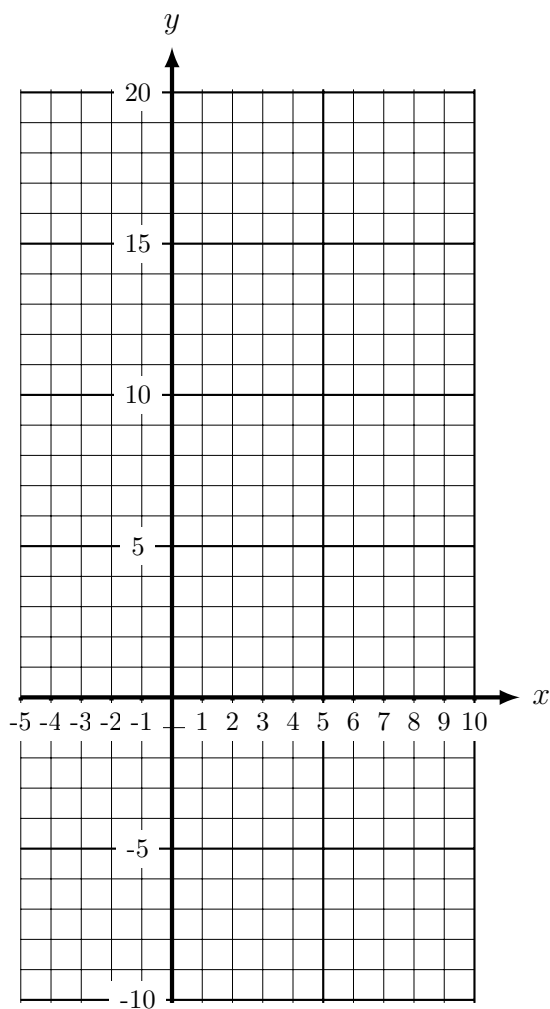
Hint (a) continue this sequence \rightarrow

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

Hint (b) ignore the 0 and negatives, ...

plot the easiest points first

- (b) On the grid, draw the line $y = 6x - 4$, for values of x from -1 to 4.



Answers

1. (a) 7, 9
(b) line $y = 2x + 3$ from $(-2, -1)$ to $(3, 9)$
2. (a) 10, 13
(b) line $y = 3x + 4$ from $(-2, -2)$ to $(3, 13)$
3. (a) 20
(b) line $y = 6x - 4$ from $(-1, -10)$ to $(4, 20)$