1. (a) Complete the table of values for $y = 2x + 3$
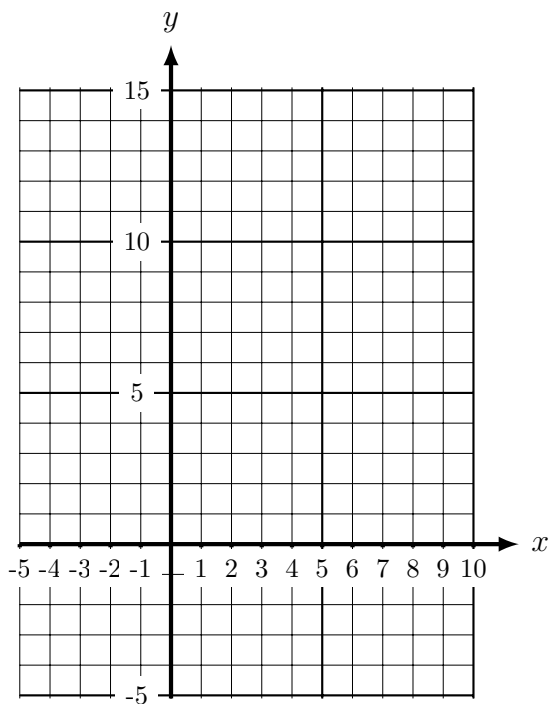
Hint (a) continue this sequence →

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

| × | × | × | ↑ | ↑ | ↑ |

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 $y = 3x + 4$

Hint (a) continue this sequence →
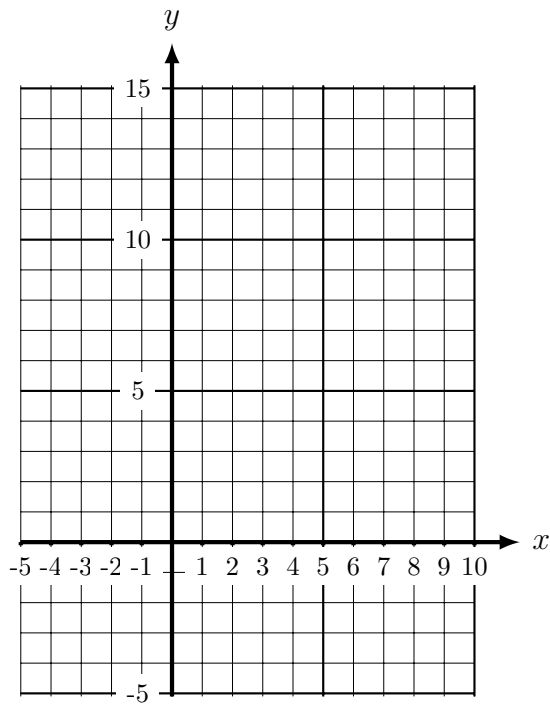
x	-2	-1	0	1	2	3
y	-2	1	4	7		

                ×   ×   ×   ↑   ↑   ↑

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.

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

Hint (a) continue this sequence →

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

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.
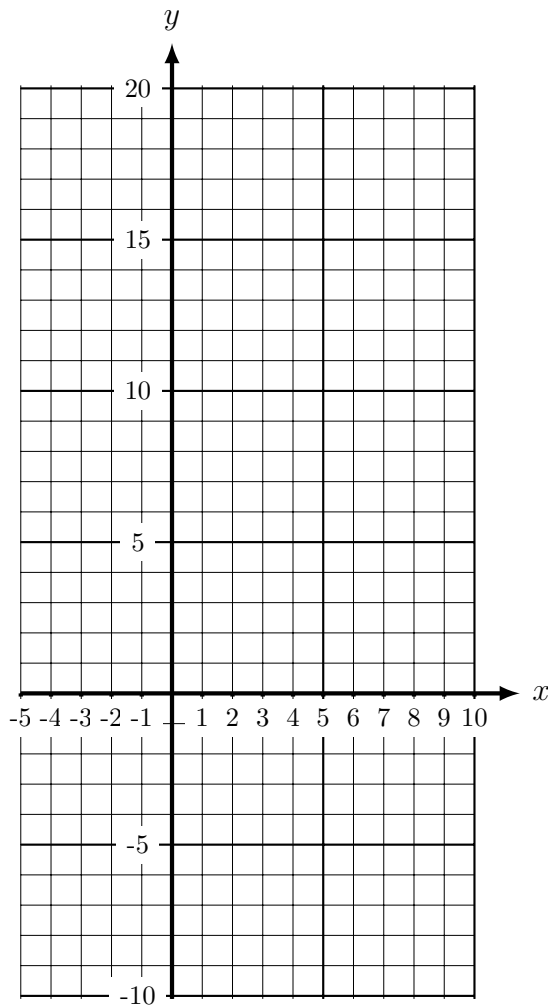
Answers

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)