

Drawing Graphs Past Paper Questions



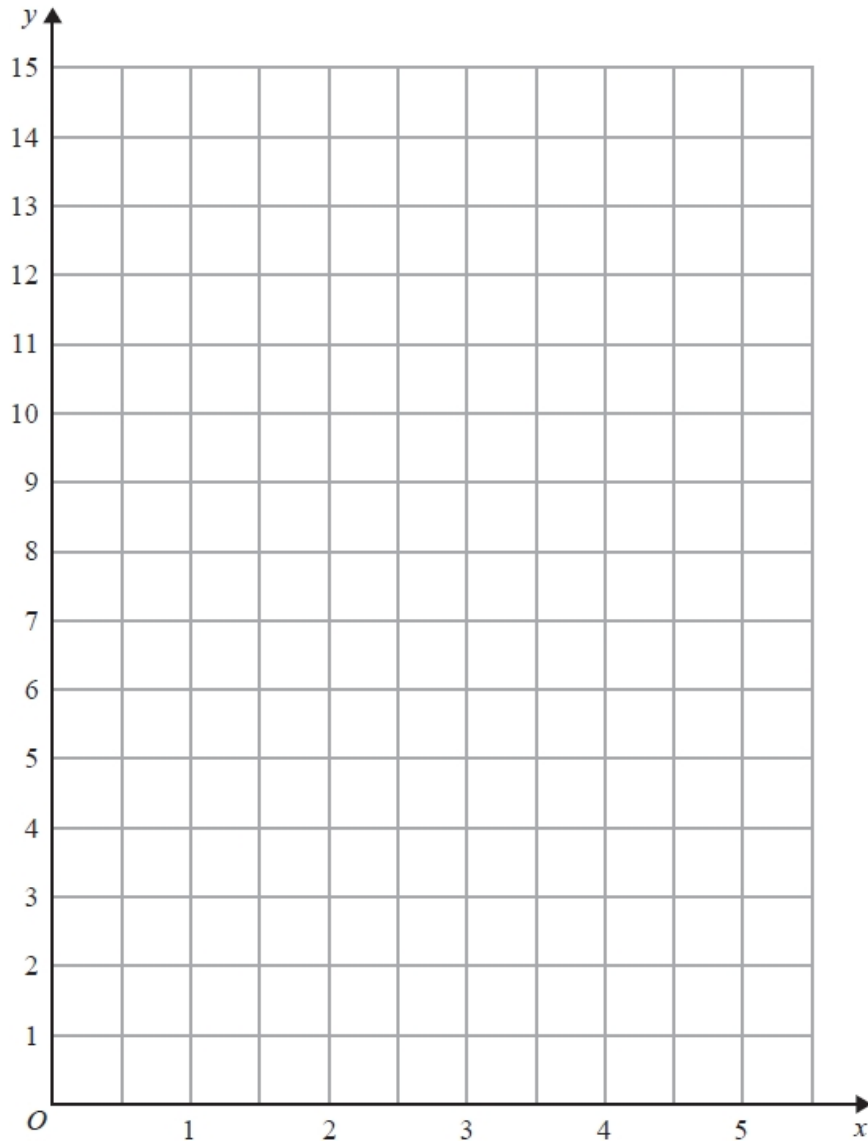
Q1.

(a) Complete the table of values for $y = 2x + 3$ for values of x from 0 to 5

x	0	1	2	3	4	5
y		5		9		

(2)

(b) On the grid, draw the graph of $y = 2x + 3$ for values of x from 0 to 5



(2)

(Total for question = 4 marks)



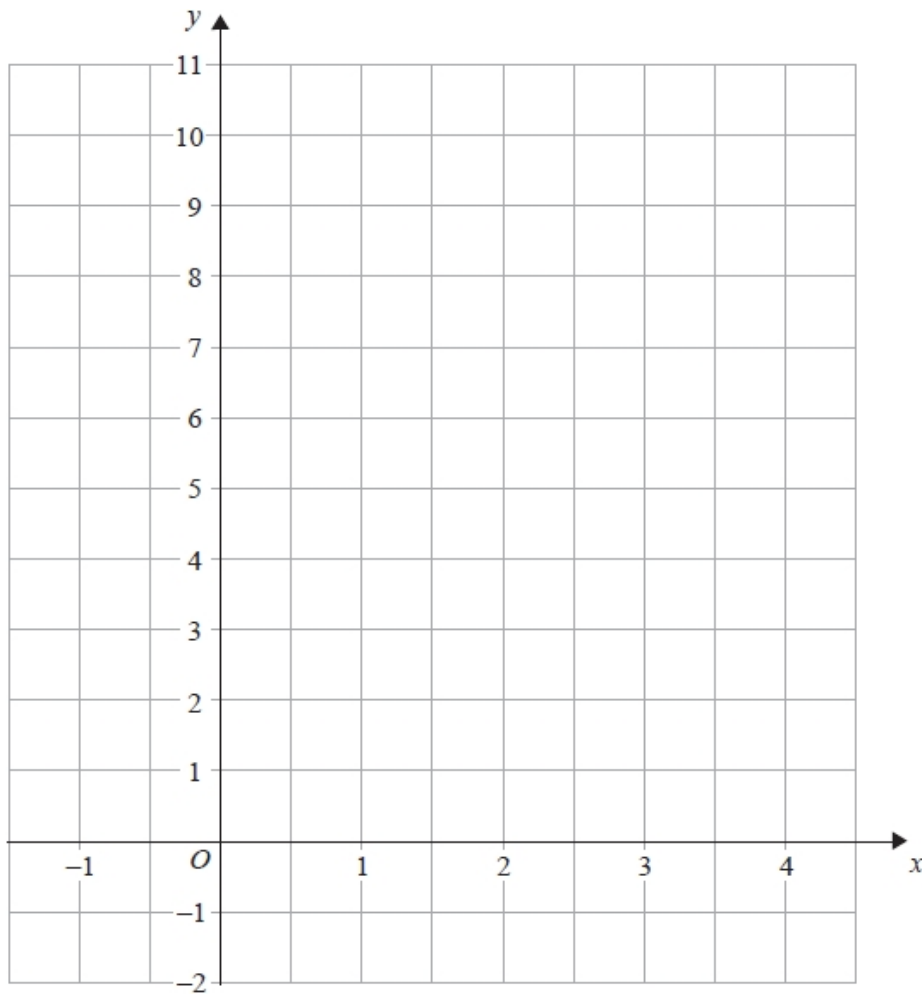
Q2.

(a) Complete the table of values for $y = 8 - 2x$

x	-1	0	1	2	3	4
y			6			0

(2)

(b) On the grid, draw the graph of $y = 8 - 2x$ for values of x from -1 to 4



(2)

(Total for question = 4 marks)

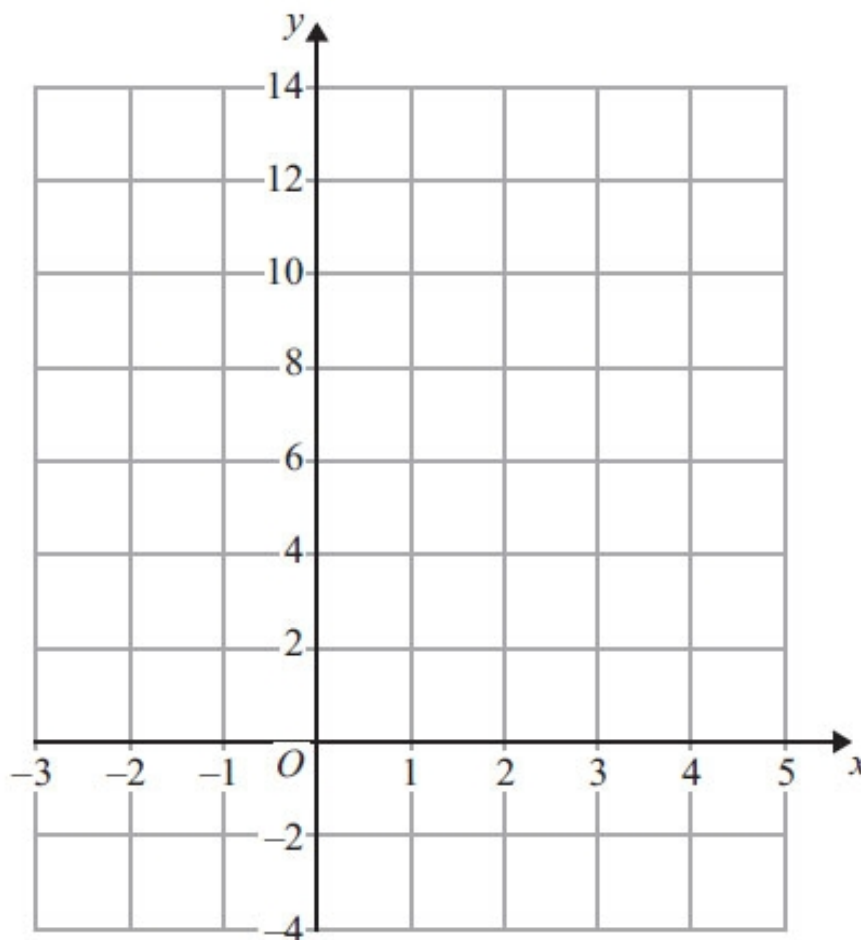
Q3.



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

x	-2	-1	0	1	2	3	4
y	-2				6		

(b) On the grid, draw the graph of $y = 2x + 2$



(2)

(Total for Question is 4 marks)

Q4.

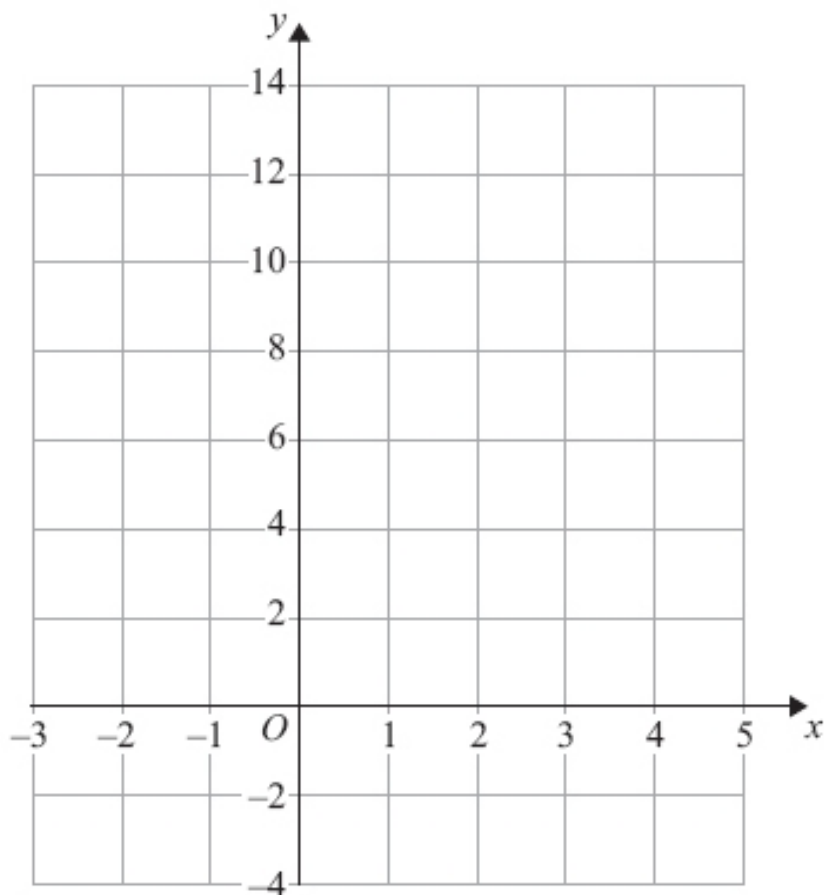


(a) Complete the table of values for $y = 2x + 2$

x	-2	-1	0	1	2	3	4
y	-2				6		

(2)

(b) On the grid, draw the graph of $y = 2x + 2$



(2)

(Total for Question is 4 marks)

Q5.

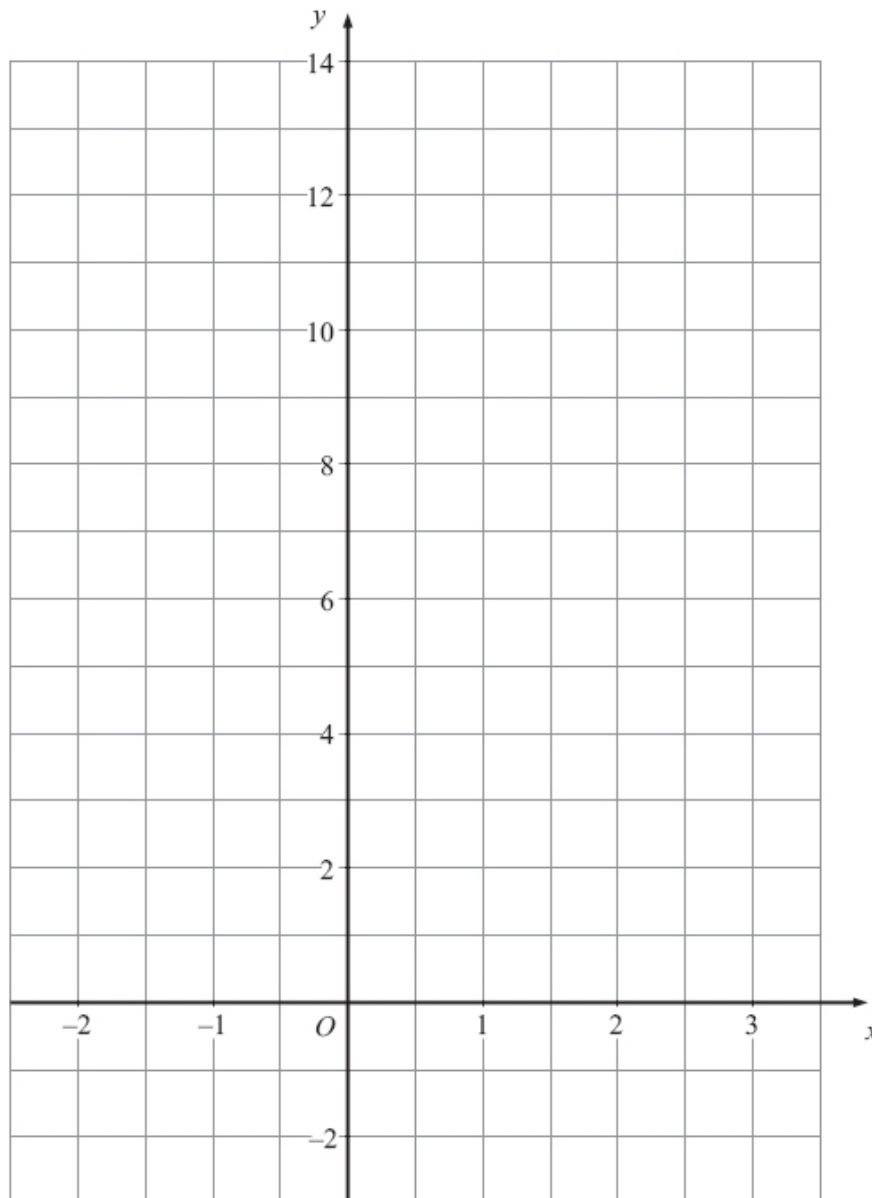


(a) Complete the table of values for $y = 3x + 4$

x	-2	-1	0	1	2	3
y		1				13

(2)

(b) On the grid, draw the graph of $y = 3x + 4$



(2)

(Total for Question is 4 marks)

Q6.

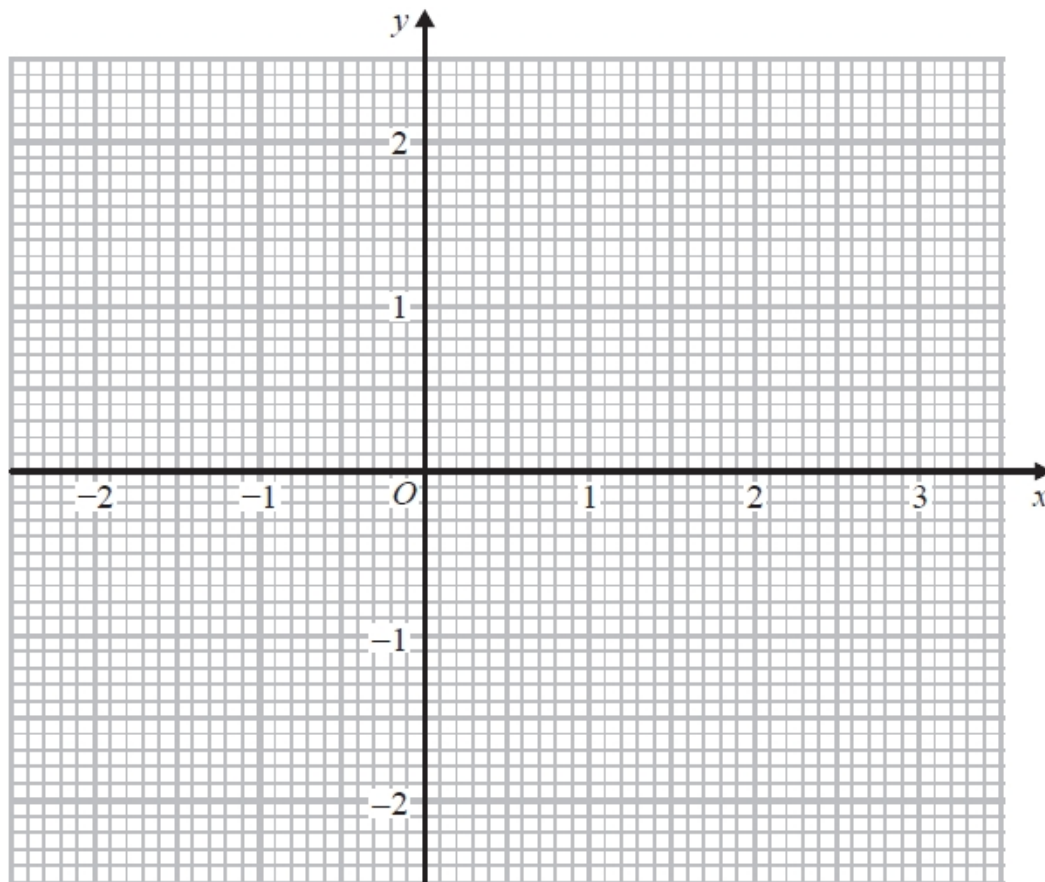


(a) Complete the table of values for $y = \frac{1}{2}x - 1$

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

(2)

(b) On the grid, draw the graph of $y = \frac{1}{2}x - 1$ for values of x from -2 to 3



(2)

(c) Use your graph to find the value of x when $y = 0.3$

$x = \dots\dots\dots$

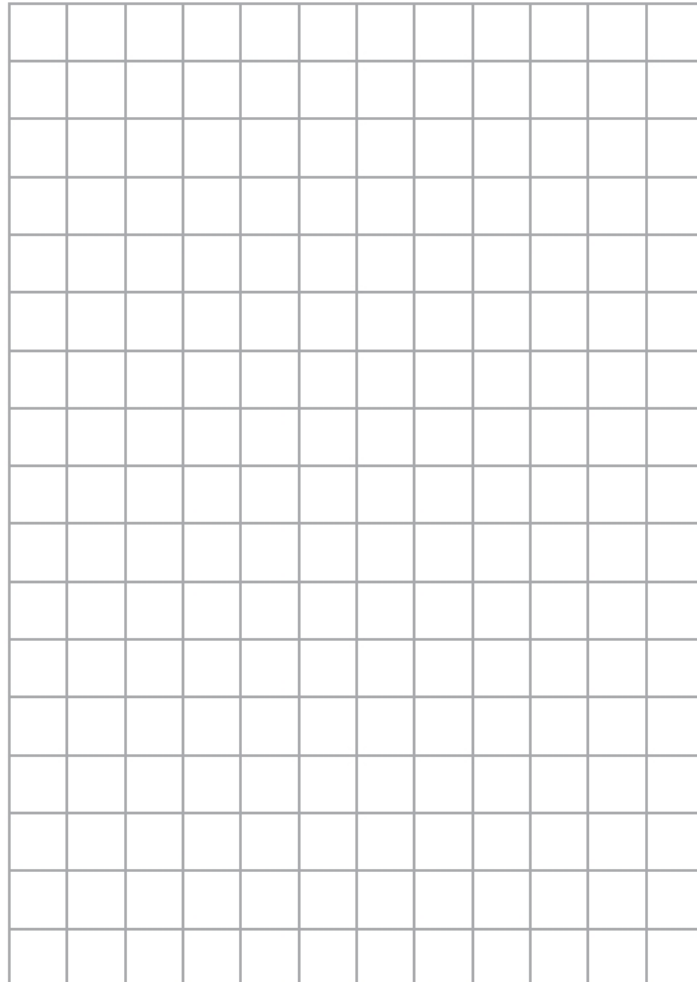
(1)

(Total for question = 5 marks)

Q7.



On the grid, draw the graph of $y = 2x - 3$ for values of x from -2 to 3

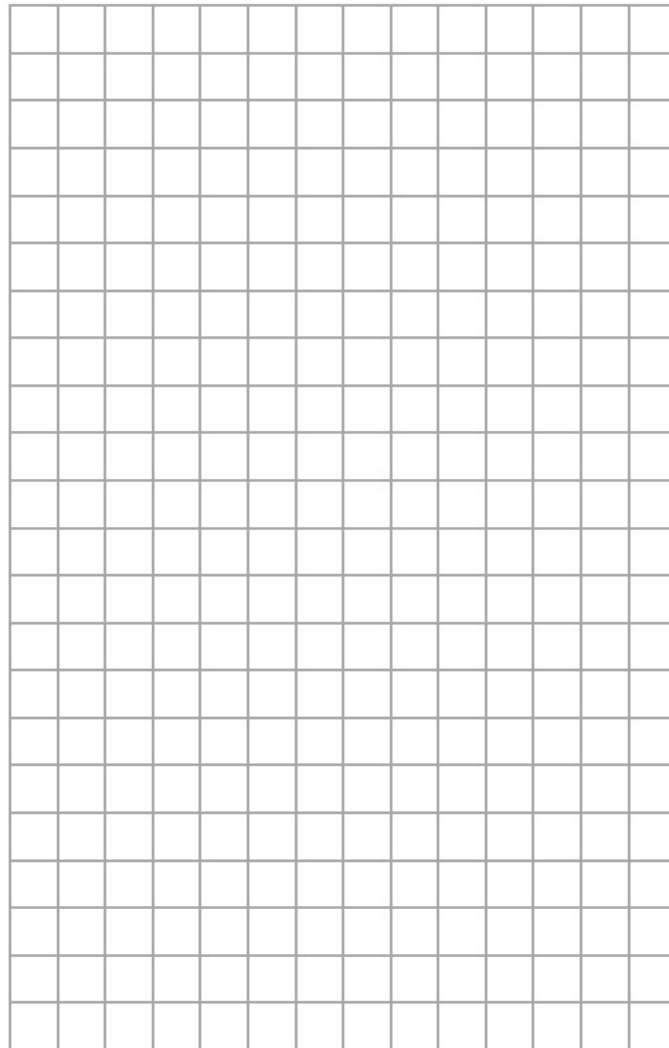


(Total for question = 4 marks)

Q8.



On the grid, draw the graph of $y = 3x + 2$ for values of x from -2 to 2



(Total for Question is 4 marks)

Q9.

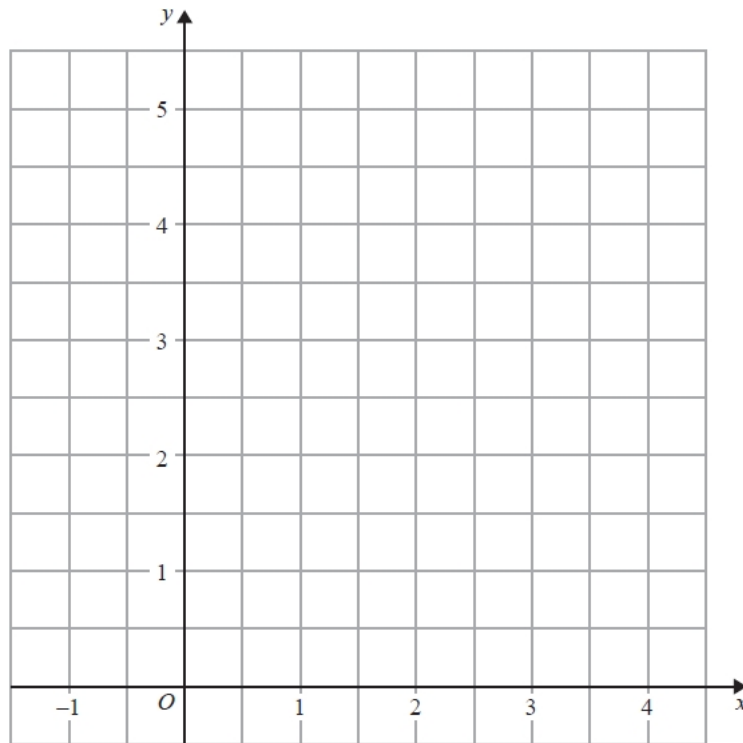


(a) Complete the table of values for $x + y = 4$

x	-1	0	1	2	3	4
y			3			0

(2)

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



(2)

(Total for question = 4 marks)