

Drawing Graphs

Question Paper

Level	GCSE
Subject	Maths
Exam Board	Edexcel GCSE
Topic	Drawing Graphs
Grade Level	Grade 3
Booklet	Question Paper

Time Allowed: 36 minutes

Score: /30

Percentage: /100

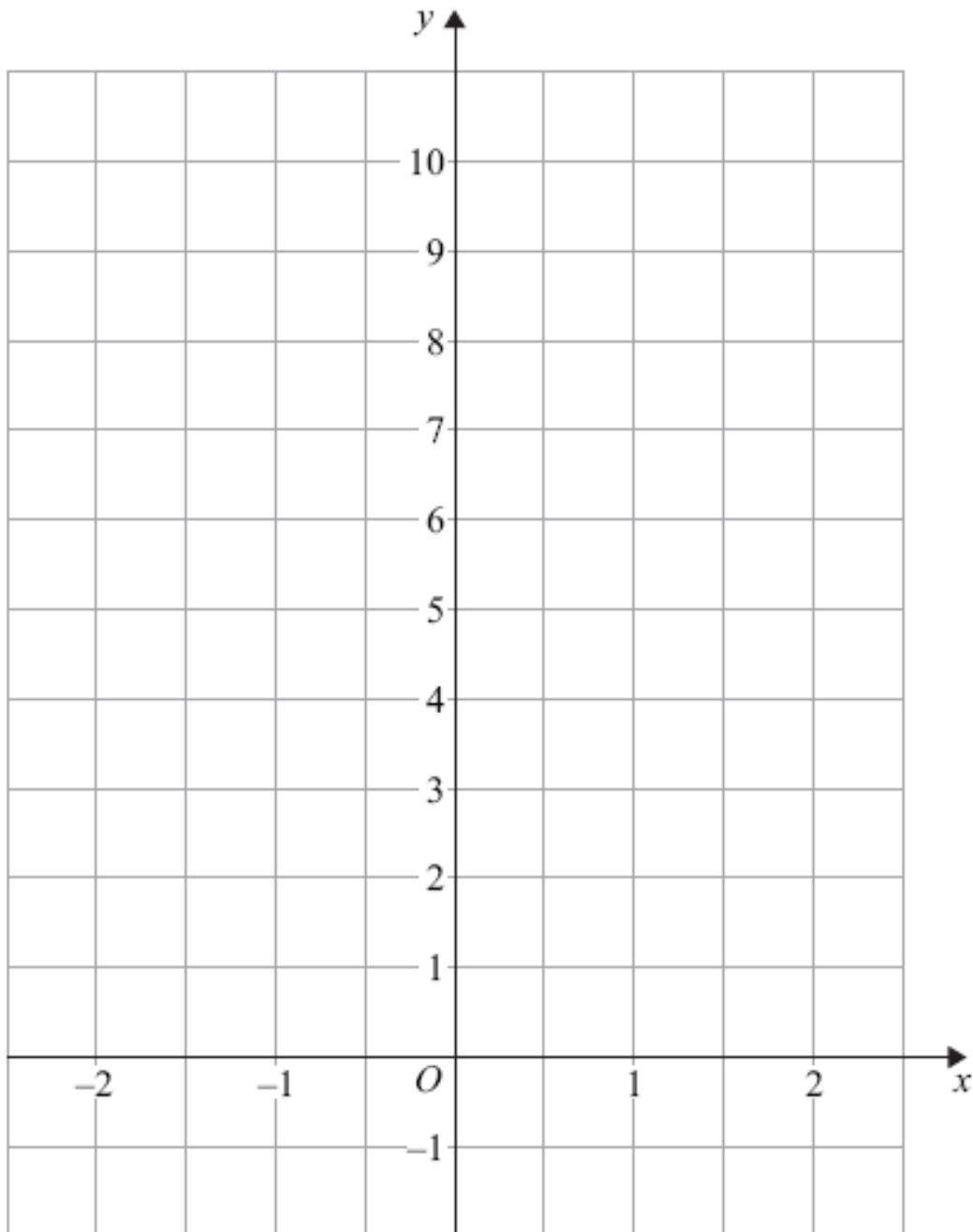
Grade Boundaries:

1. (a) Complete the table of values for $y = 2x + 5$

x	-2	-1	0	1	2
y	1		5		

(2)

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



(2)

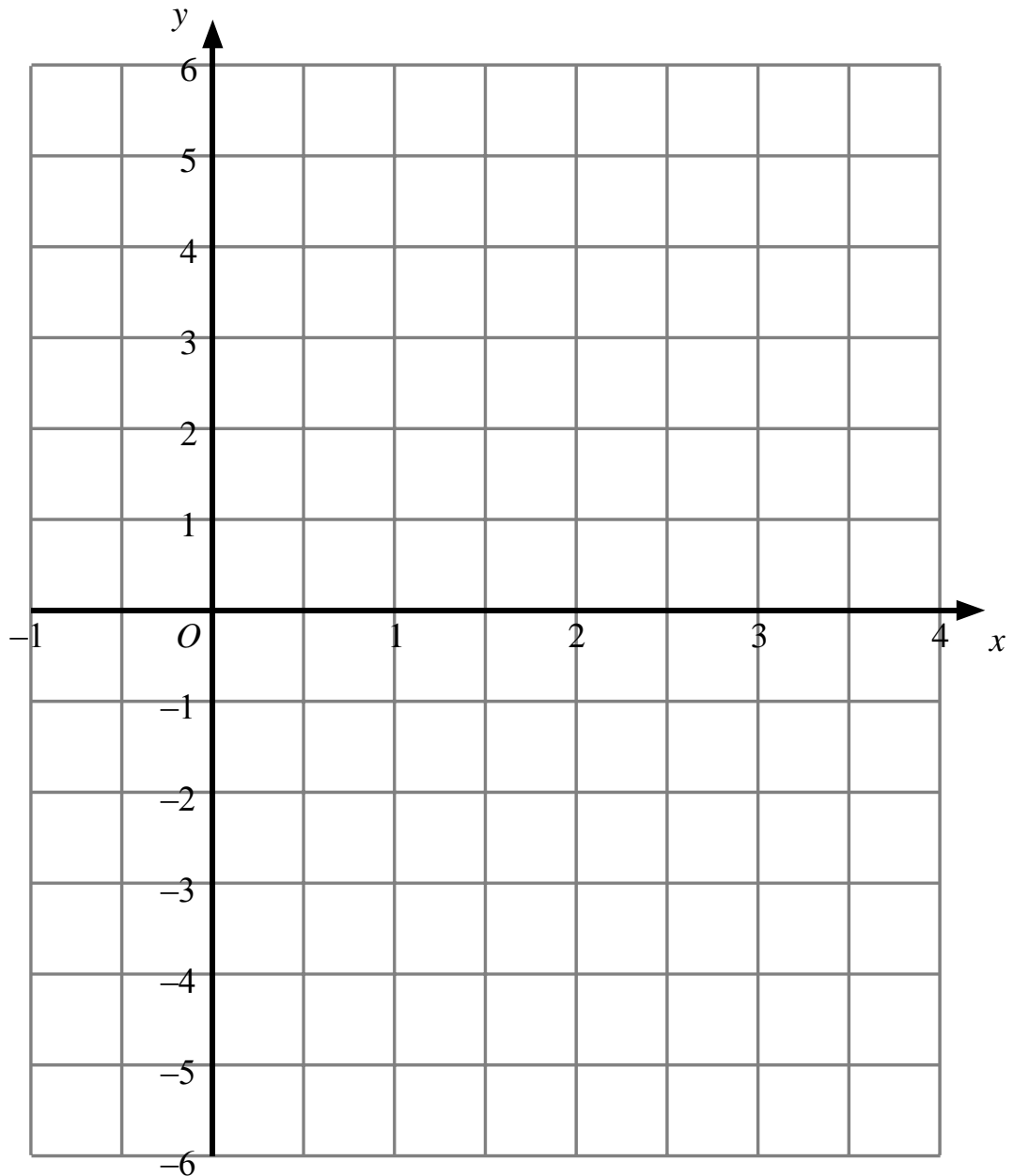
(4 marks)

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

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

(2)

- (b) On the grid, draw the graph of $y = 2x - 3$



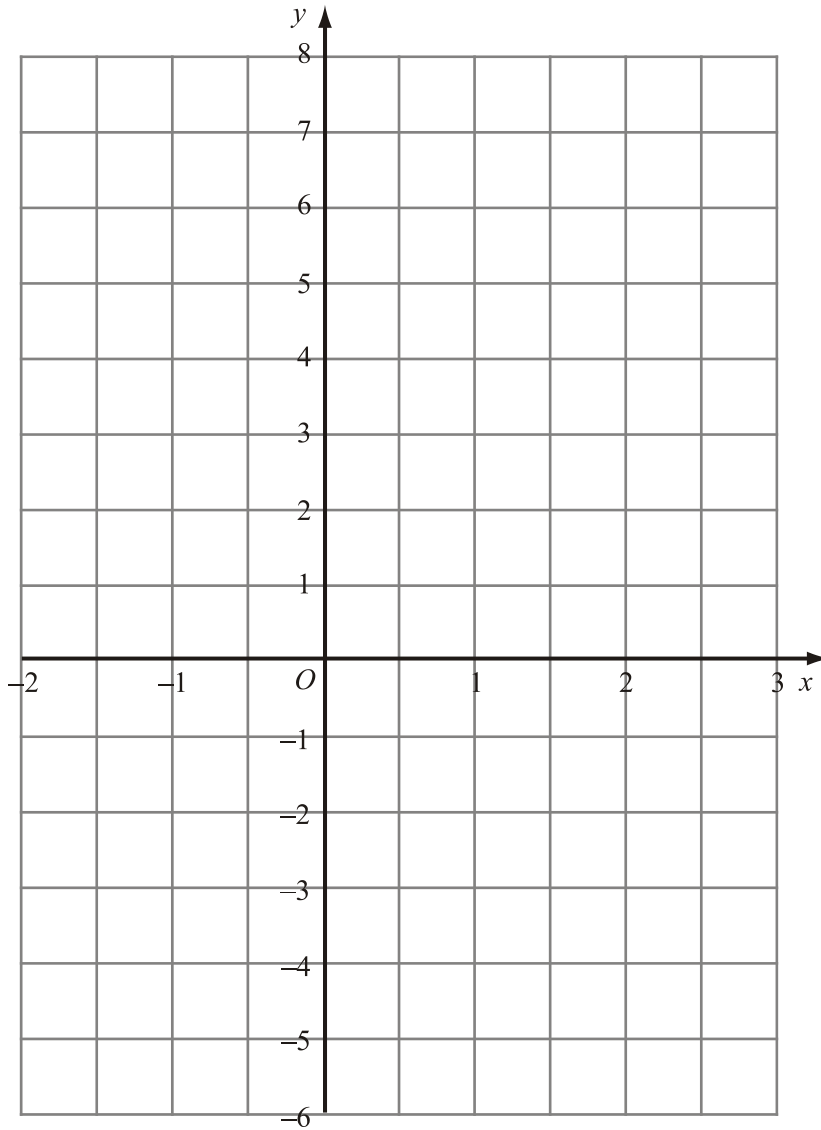
(2)
(4 marks)

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

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

(2)

(b) On the grid, draw the graph of $y = 2x + 1$



(2)

(c) Use your graph to find

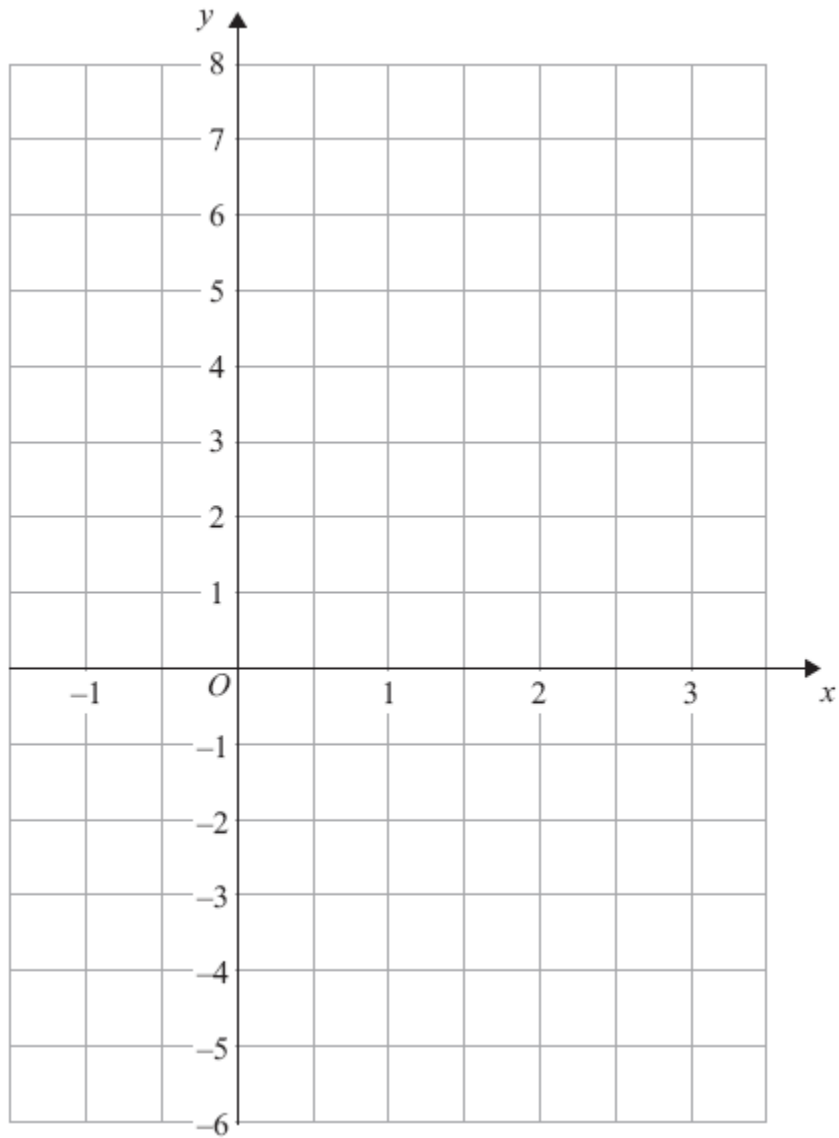
(i) the value of y when $x = -1.5$ $y = \dots\dots\dots$

(ii) the value of x when $y = 6$ $x = \dots\dots\dots$

(2)

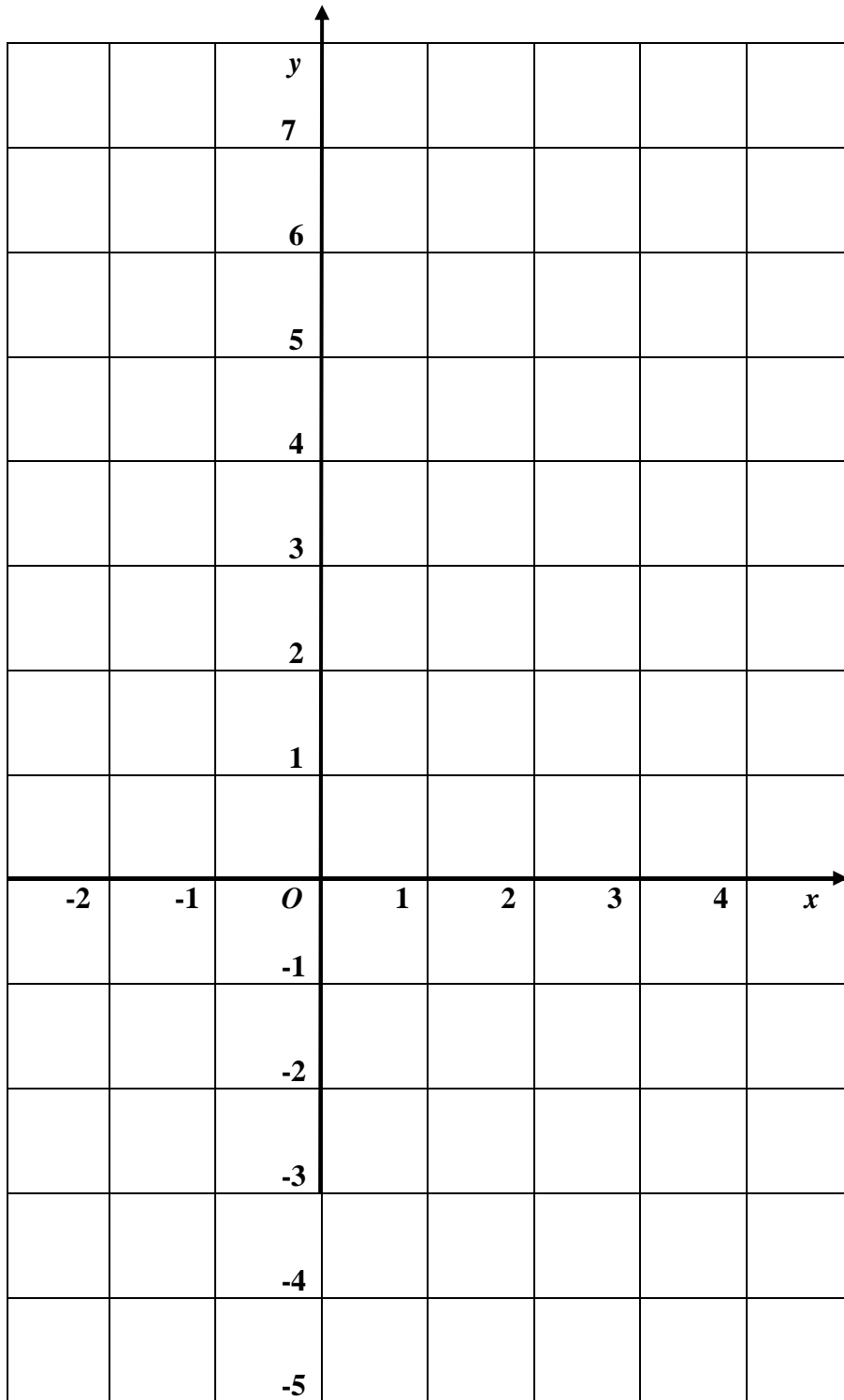
(6 marks)

4. On the grid, draw the graph of $y = 3x - 2$ for values of x from -1 to 3



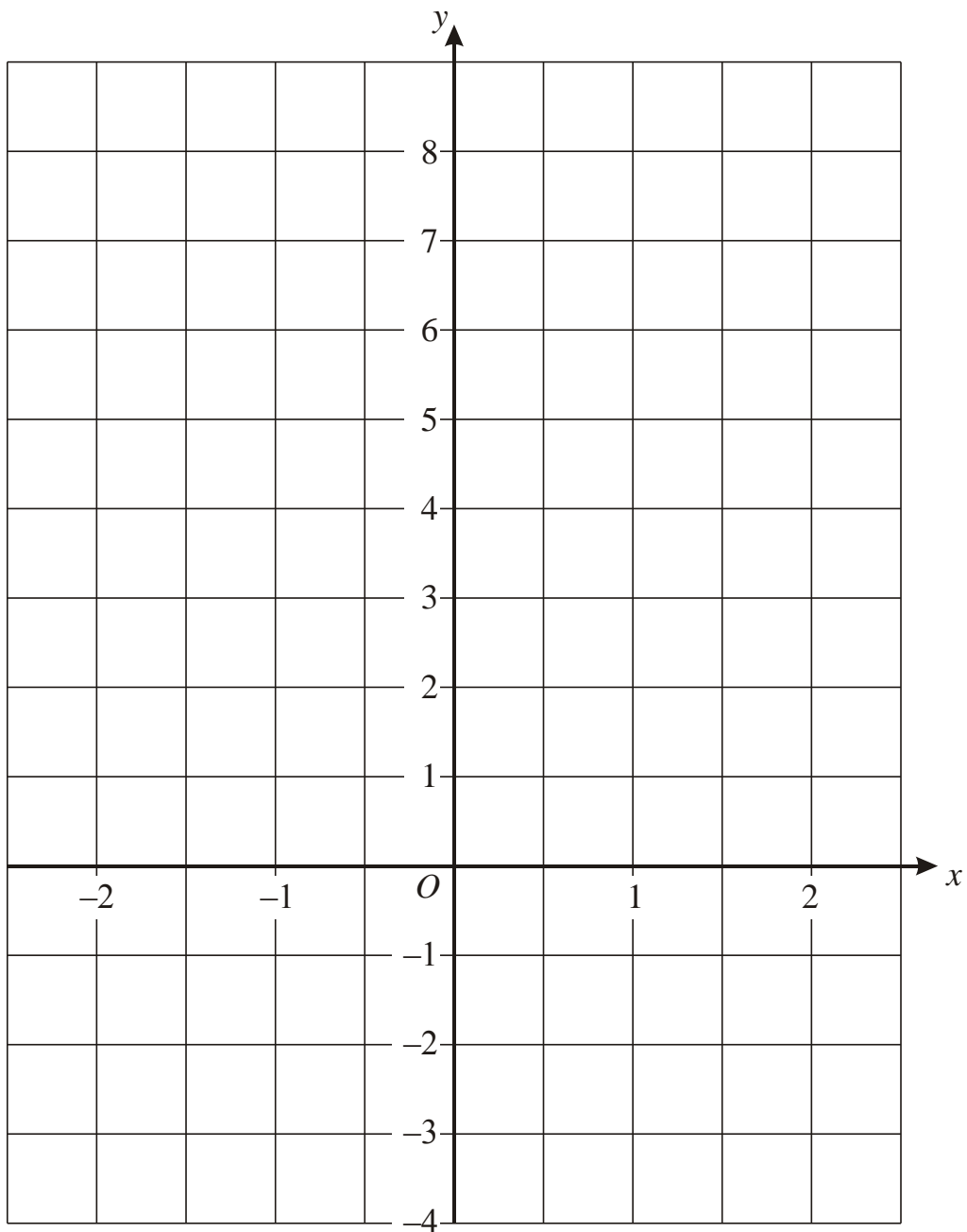
(4 marks)

5. On the grid, draw the graph of $y = 3 - 2x$ from $x = -2$ to $x = 4$



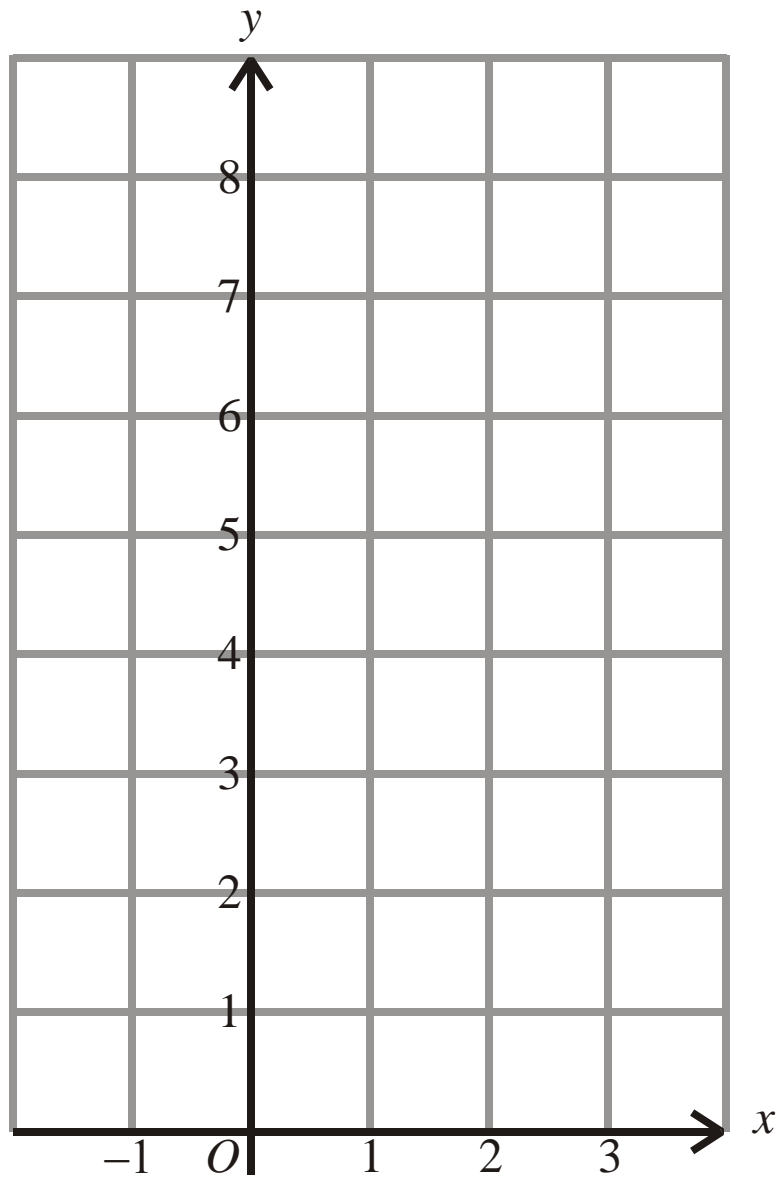
(4 marks)

6. On the grid, draw the graph of $y = 3x + 2$



(4)
(4 marks)

7. On the grid, draw the graph of $x + y = 5$



(4)
(4 marks)