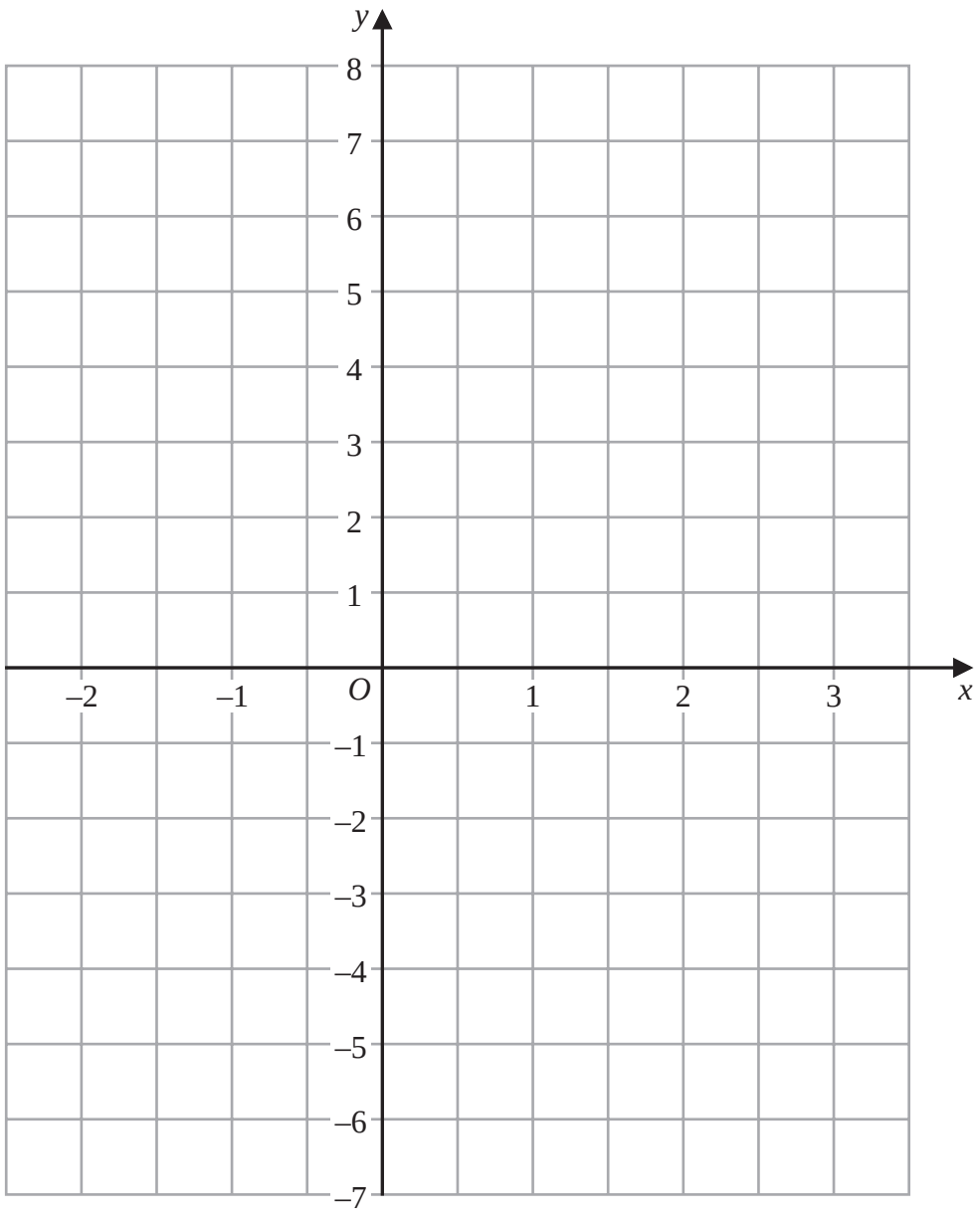
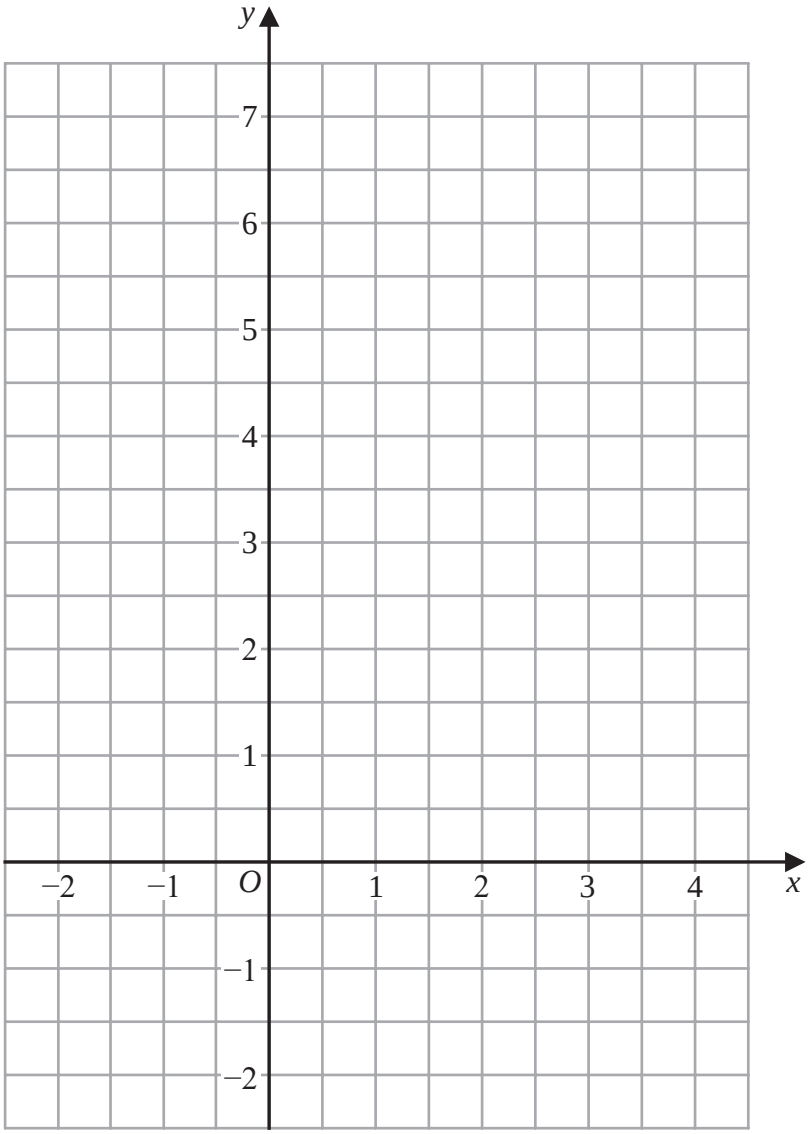
1 On the grid below, draw the graph of $y = 2x - 2$ for values of x from –2 to 3



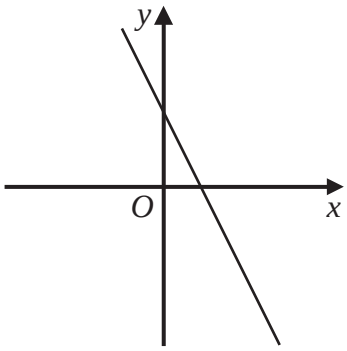
(Total for Question 1 is 3 marks)

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

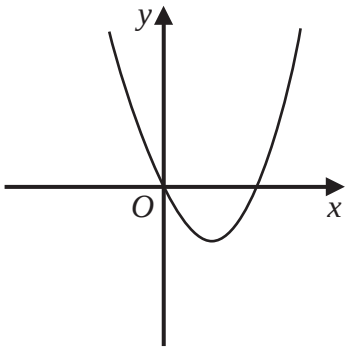


(Total for Question 2 is 3 marks)

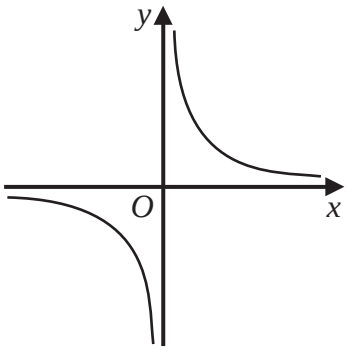
3 Here are five graphs.



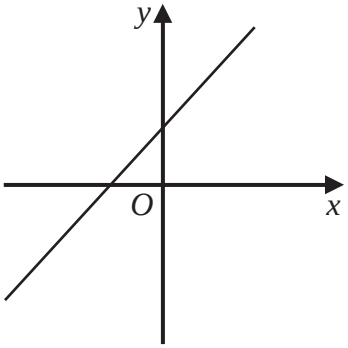
A



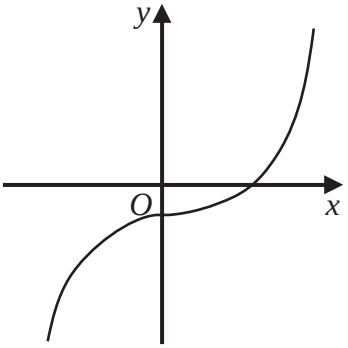
B



C



D



E

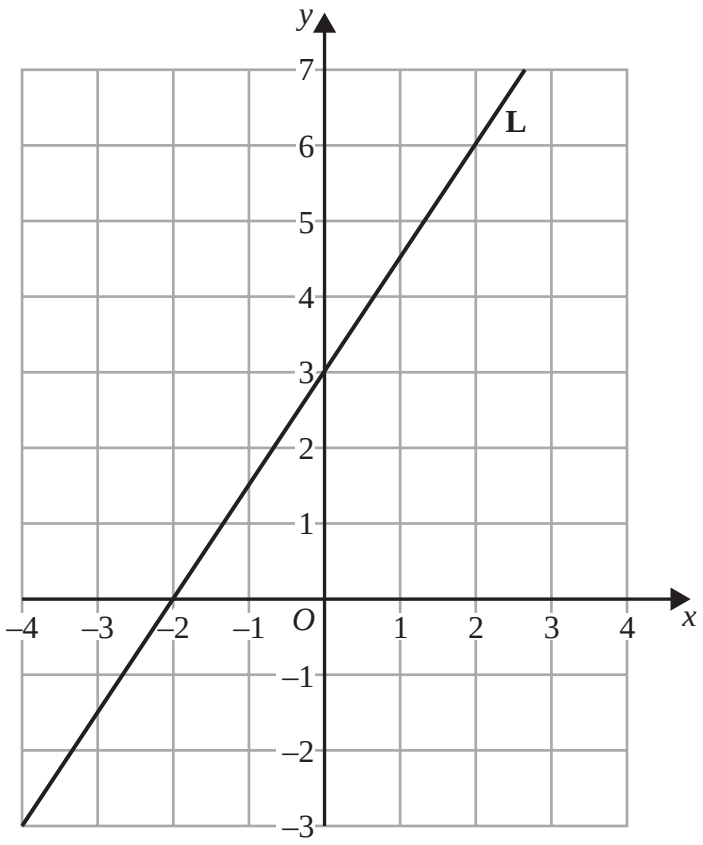
The table shows the equations of these graphs.

Equation	Graph
$y = x^2 - 4x$	
$y = x + 3$	
$y = x^3 - 2$	
$y = \frac{1}{x}$	
$y = 5 - 2x$	

Match the letter of each graph with its equation.

(Total for Question 3 is 3 marks)

4 Here is a straight line **L** drawn on a grid.



(a) Find an equation for **L**.

.....

(3)

M is a different straight line with equation $y = 5x$

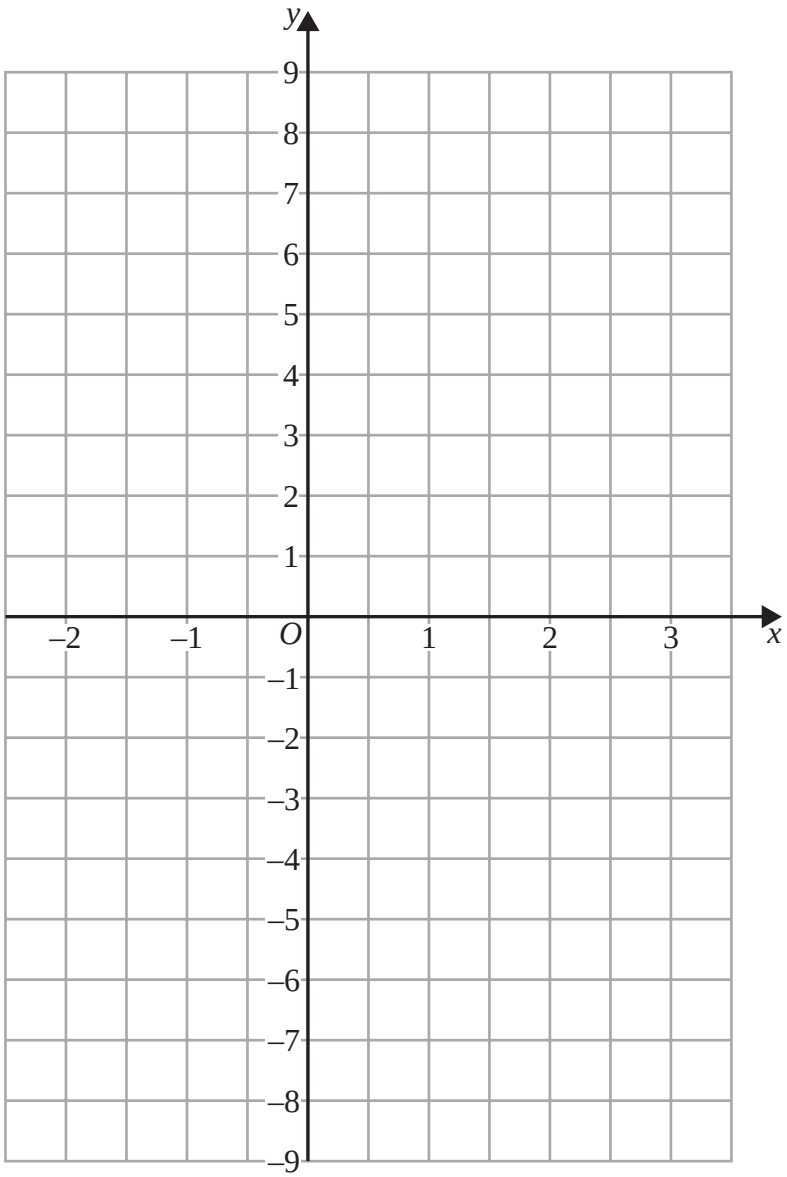
(b) Write down the equation of a straight line parallel to **M**.

.....

(1)

(Total for Question 4 is 4 marks)

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



(Total for Question 5 is 3 marks)