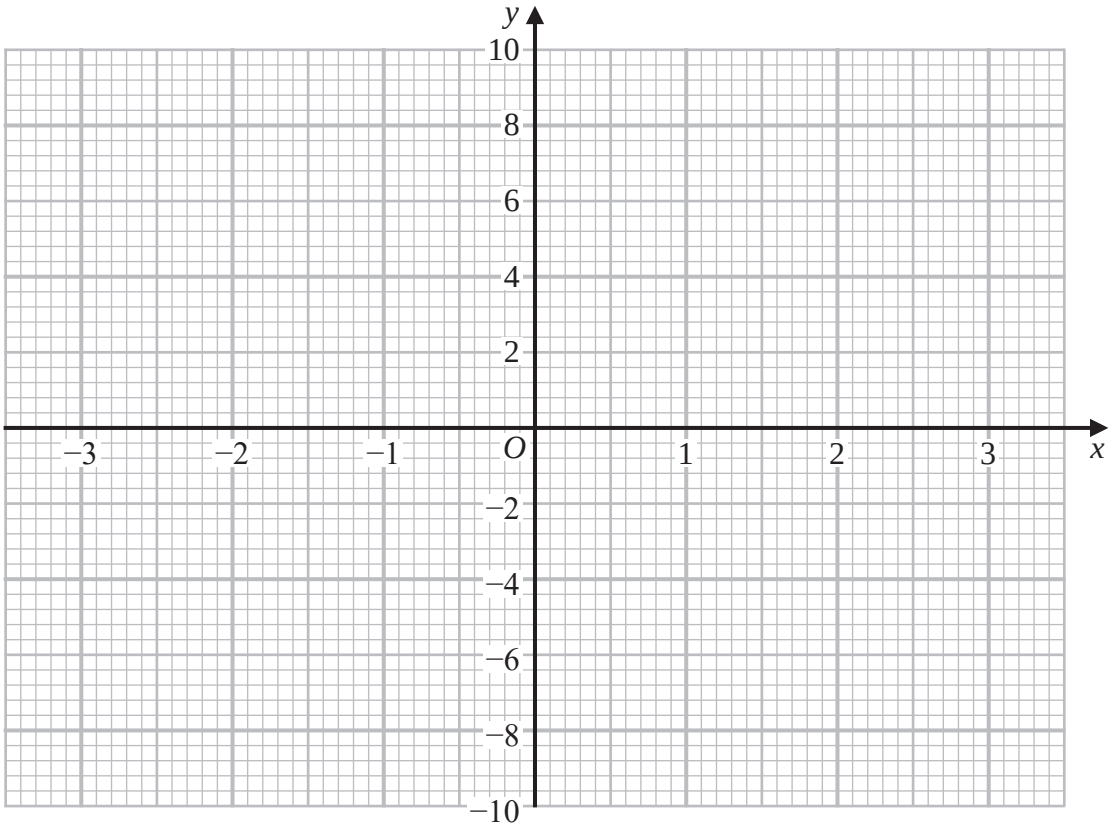
1 (a) Complete the table of values for $y = 6x - x^3$

x	−3	−2	−1	0	1	2	3
y	9					4	−9

(2)

(b) On the grid, draw the graph of $y = 6x - x^3$ for values of x from −3 to 3

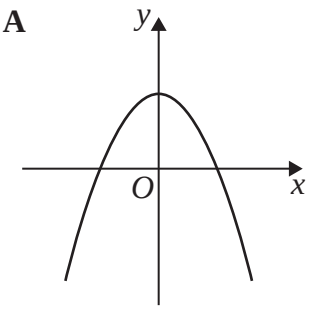


(2)

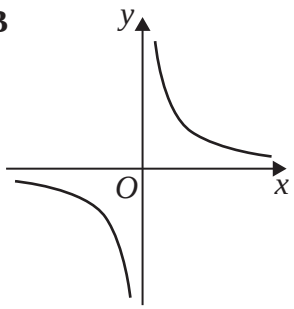
(Total for Question 1 is 4 marks)

2 Here are some graphs.

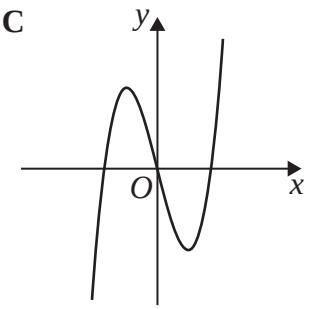
A



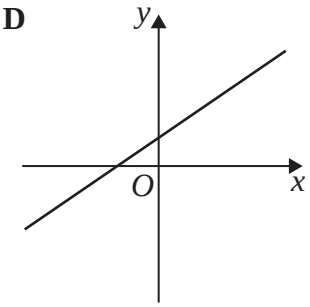
B



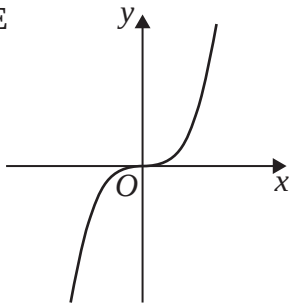
C



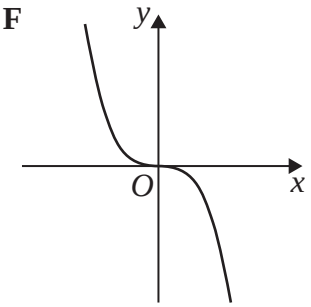
D



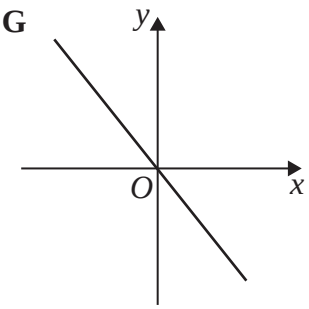
E



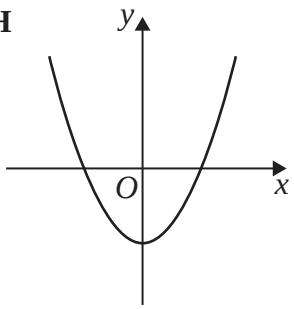
F



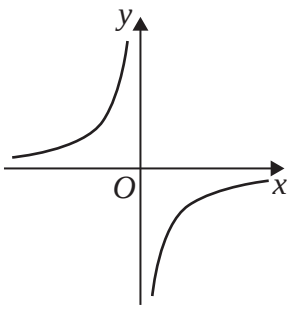
G



H



J



Write down the letter of the graph that could have the equation

(i) $y = x^2 - 4$

.....

(1)

(ii) $y = -x^3$

.....

(1)

(iii) $y = -\frac{5}{x}$

.....

(1)

(Total for Question 2 is 3 marks)