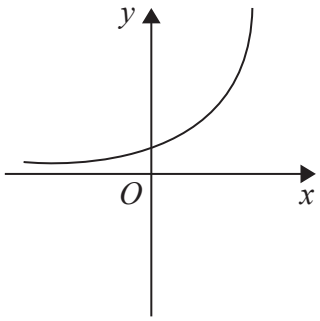
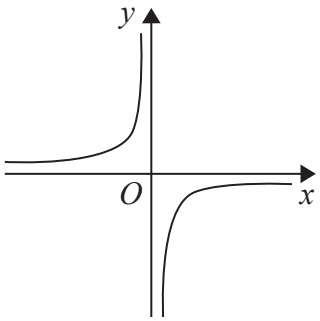
1. Here are some graphs.

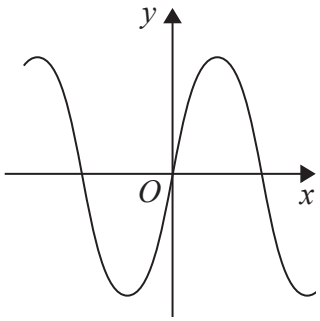
A



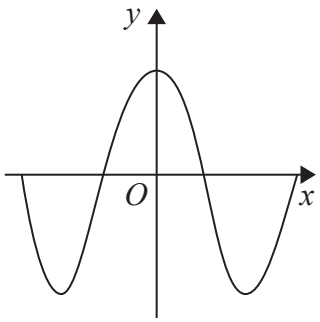
B



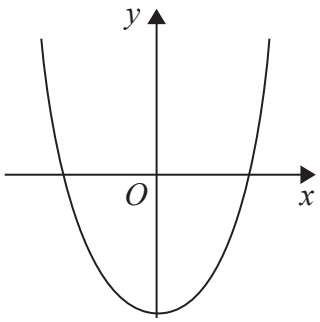
C



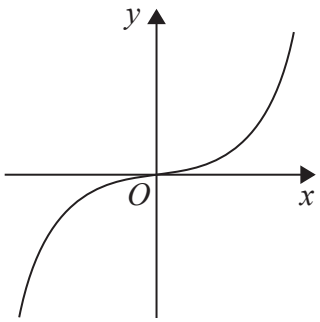
D



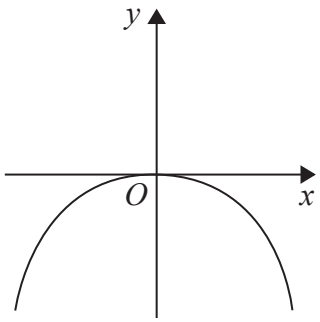
E



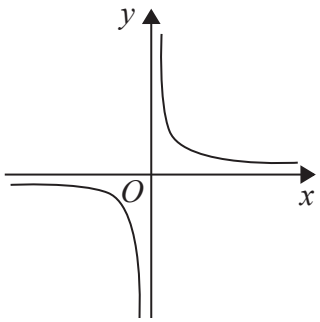
F



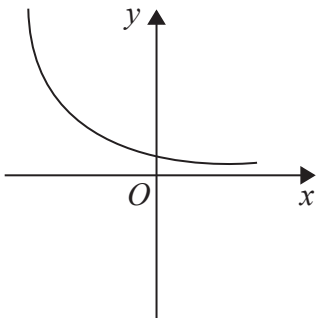
G



H



I



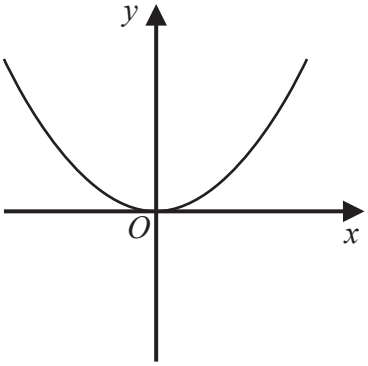
In the table below, match each equation with the letter of its graph.

Equation	Graph
$y = \sin x$	C
$y = x^3 + 4x$	F
$y = 2^x$	A
$y = \frac{4}{x}$	H

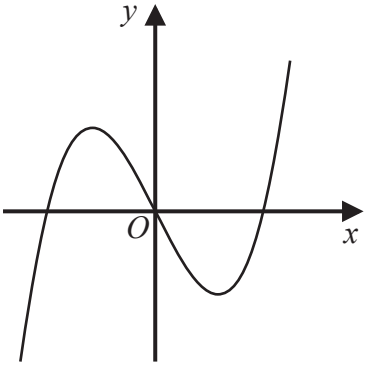
(Total for Question is 3 marks)

2. Here are six graphs.

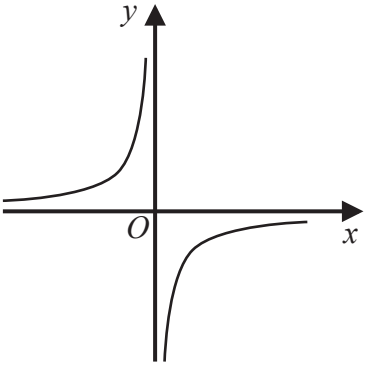
A



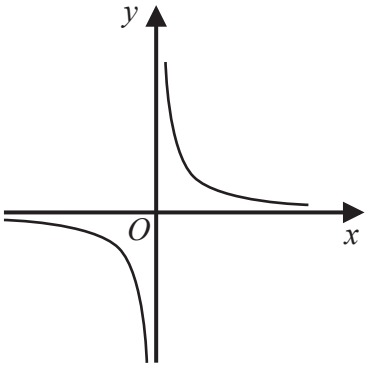
B



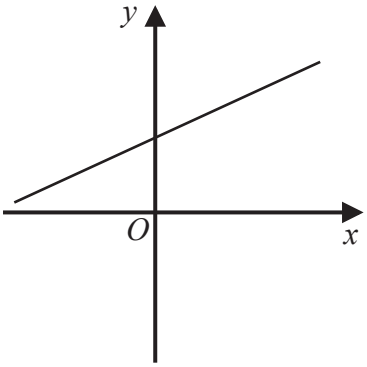
C



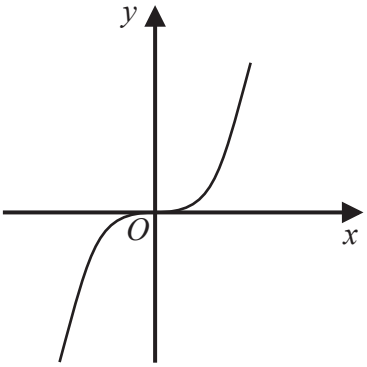
D



E



F



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

(a) $y = x^3$

F ✓1

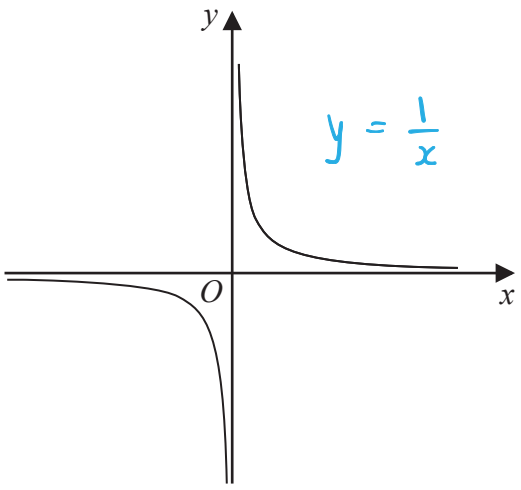
(1)

(b) $y = \frac{1}{x}$

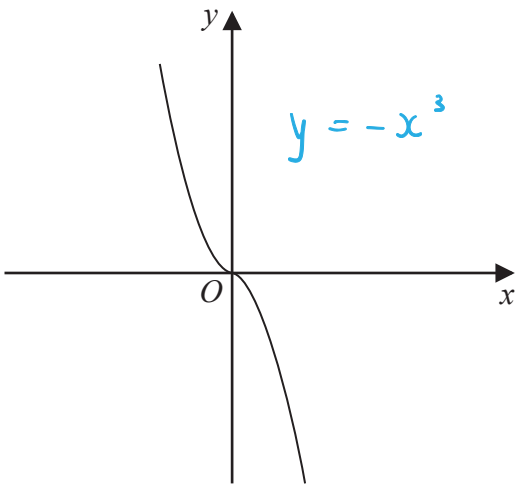
D ✓1

(1)

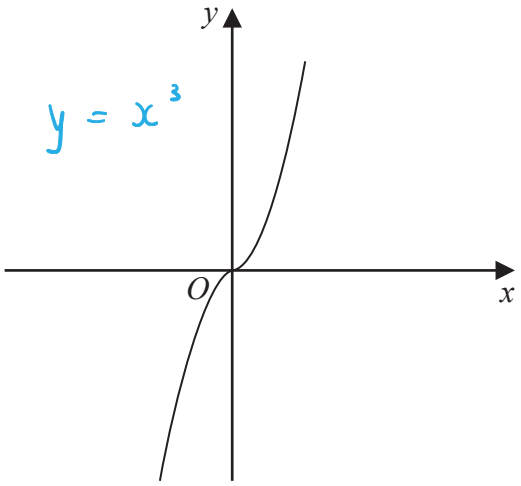
3. The diagram shows four graphs.



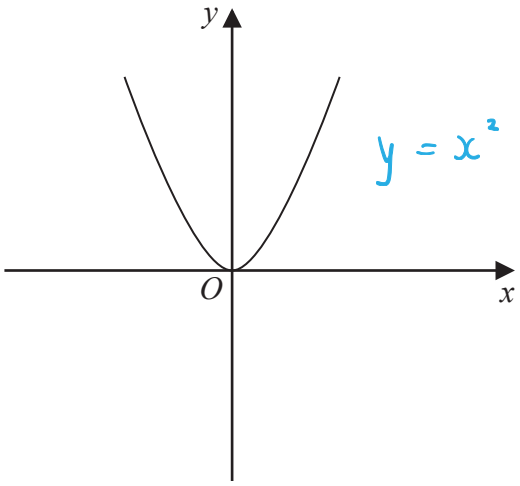
Graph **A**



Graph **B**



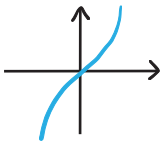
Graph **C**



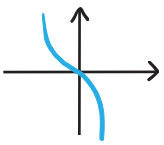
Graph **D**

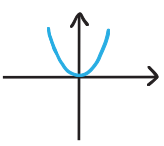
Each of the equations in the table is the equation of one of the graphs.

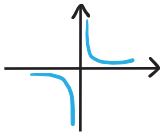
Complete the table.



Equation	Letter of graph
$y = -x^3$	B
$y = x^3$	C
$y = x^2$	D
$y = \frac{1}{x}$	A







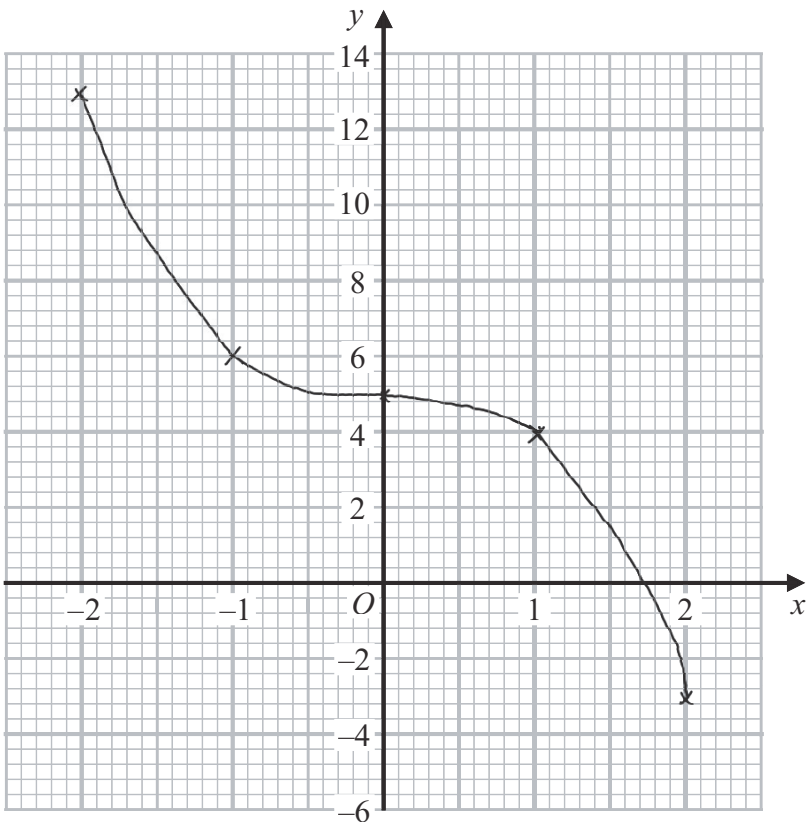
(Total for Question is 2 marks)

4. (a) Complete the table of values for $y = 5 - x^3$

x	–2	–1	0	1	2
y	13	6	5	4	–3

(2)

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



(2)

(Total for Question is 4 marks)