

4.

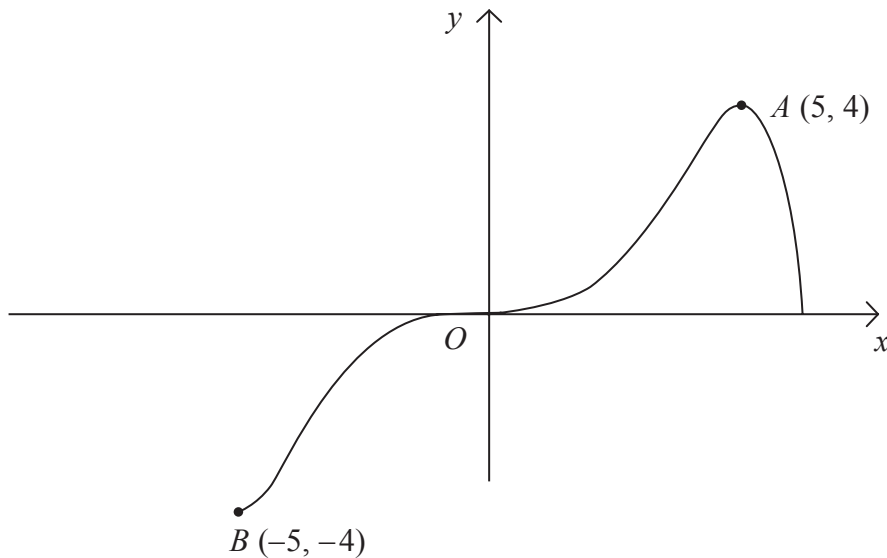


Figure 1

Figure 1 shows a sketch of the curve with equation $y = f(x)$.
The curve passes through the origin O and the points $A(5, 4)$ and $B(-5, -4)$.

In separate diagrams, sketch the graph with equation

(a) $y = |f(x)|$, (3)

(b) $y = f(|x|)$, (3)

(c) $y = 2f(x+1)$. (4)

On each sketch, show the coordinates of the points corresponding to A and B .



Leave
blank

Question 4 continued



Leave
blank

Question 4 continued



Leave
blank

Question 4 continued

Q4

(Total 10 marks)



H 2 6 3 1 5 R B 0 1 1 2 4

