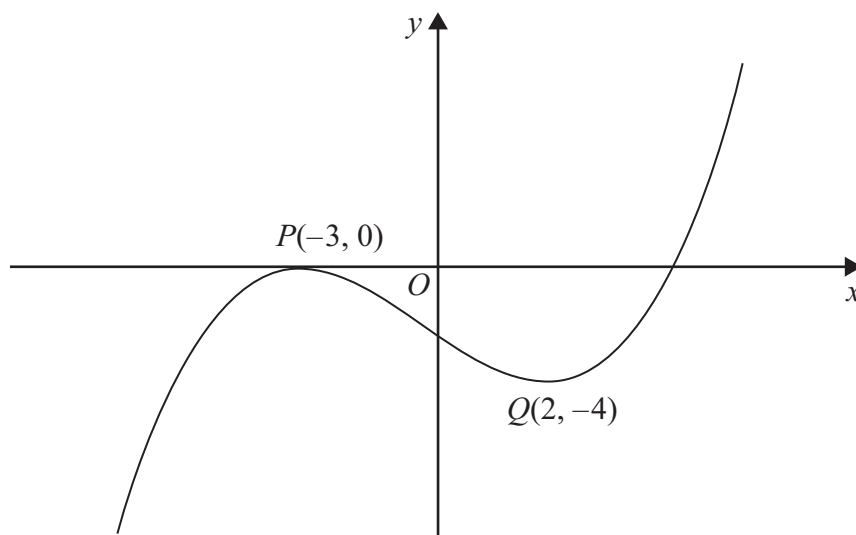








2.



**Figure 1**

Figure 1 shows the graph of equation  $y = f(x)$ .

The points  $P(-3, 0)$  and  $Q(2, -4)$  are stationary points on the graph.

Sketch, on separate diagrams, the graphs of

(a)  $y = 3f(x + 2)$

**(3)**

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

**(3)**

On each diagram, show the coordinates of any stationary points.



**Question 2 continued**

**Q2**

**(Total 6 marks)**











































