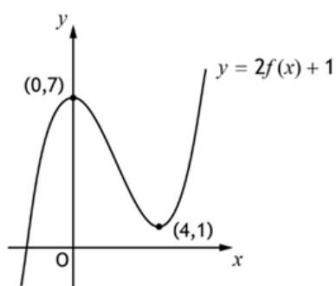The diagram shows the graph of a cubic function with equation $y = f(x)$.

The curve has stationary points at $(0, 3)$ and $(4, 0)$.
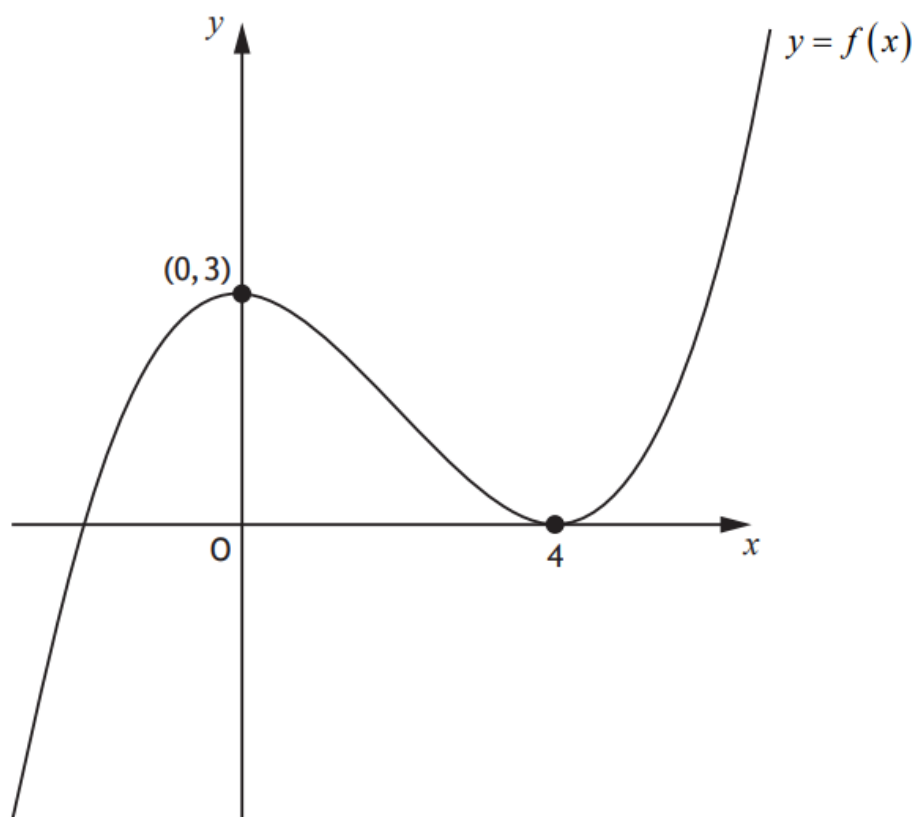
(a) Sketch the graph of $y = 2f(x) + 1$.　　　　　　　　　　　　　　**3**

Use the diagram provided in the answer booklet.

(b) State the coordinates of the stationary points on the graph of $y = f\left(\frac{1}{2}x\right)$.　　　　**1**

Answers:

(a)

(b)　$(0, 3)$ and $(8, 0)$