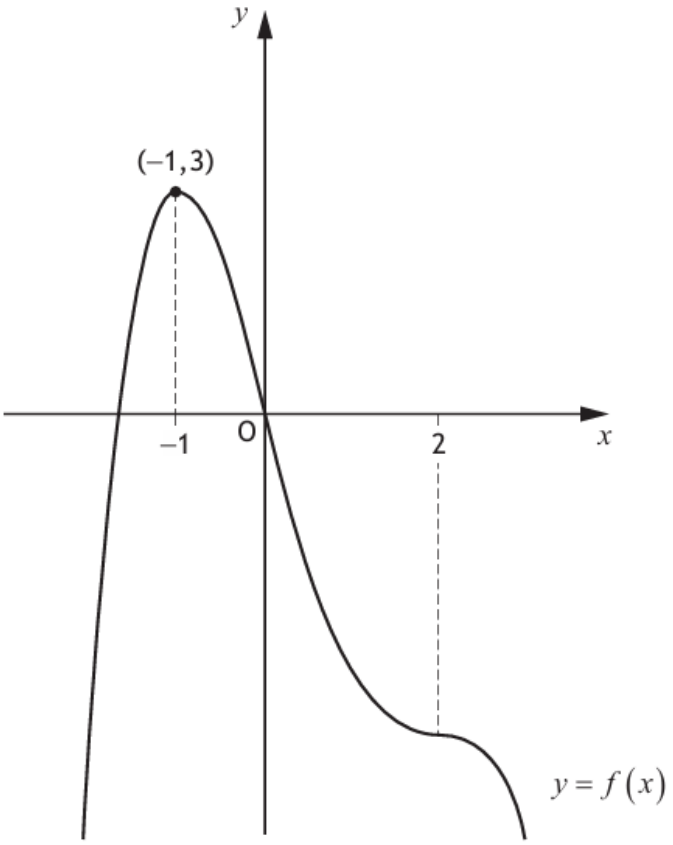
Higher Maths
SQA 2024 Paper 2
Question 4

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

A maximum turning point occurs at $(-1, 3)$.

The graph of $y = f(x)$ also has a point of inflection at $x = 2$.



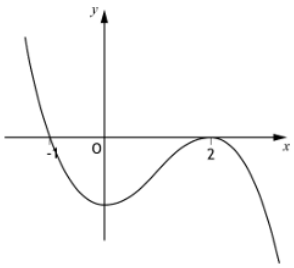
(a) Determine the coordinates of the maximum turning point on the graph of $y = f(x-4)+2$. **2**

(b) On the diagram in your answer booklet, sketch the graph of $y = f'(x)$. **3**

Answers:

(a) (3, 5)

(b)



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