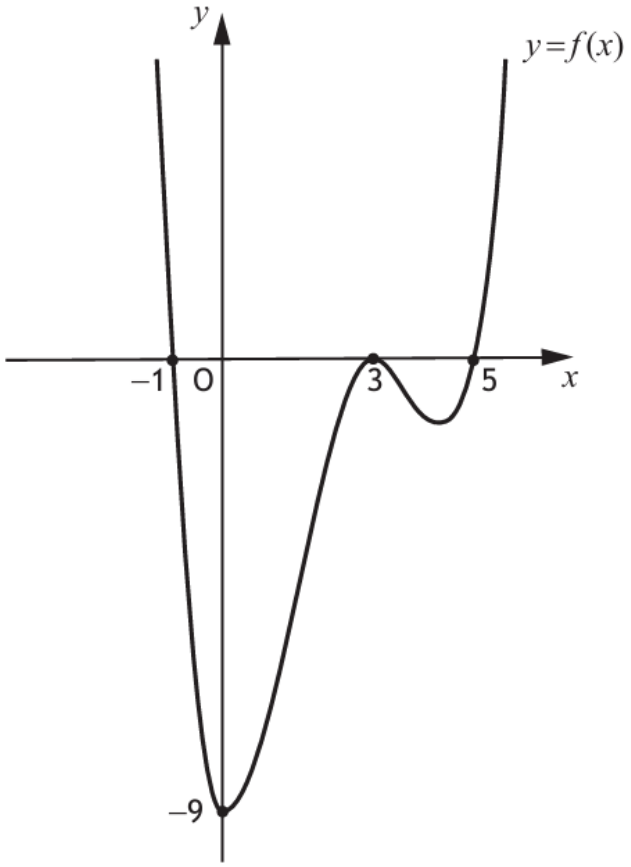
Higher Maths
SQA 2024 Paper 2
Question 13

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



Express $f(x)$ in the form $f(x) = k(x+a)^2(x+b)(x+c)$. **3**

Answer:

$$f(x) = \frac{1}{5}(x-3)^2(x+1)(x-5)$$

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