

Higher Maths
SQA 2016 Paper 1
Question 9



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- (a) Find the x -coordinates of the stationary points on the graph with equation $y = f(x)$, where $f(x) = x^3 + 3x^2 - 24x$. 4
- (b) Hence determine the range of values of x for which the function f is strictly increasing. 2
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Answers:

- (a) $x = -4, x = 2$
- (b) $x < -4$ and $x > 2$