

SQA Past paper questions

Specimen - Paper 1 - Question 2

Find the coordinates of the points of intersection of the curve
 $y = x^3 - 2x^2 + x + 4$ and the line $y = 4x + 4$.

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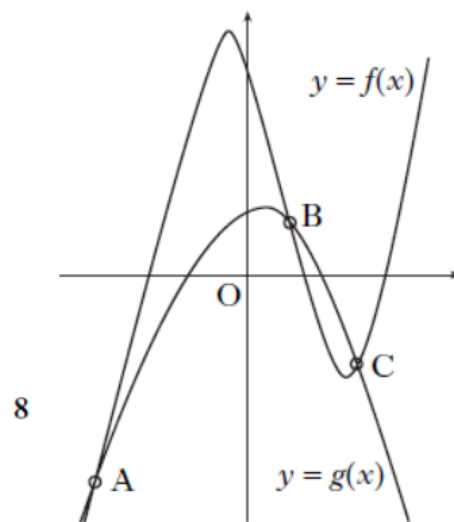
Click [here](#) for video solution. 

Specimen 1 - Paper 1 - Question 23

The diagram shows a sketch of functions f and g where $f(x) = x^3 + 5x^2 - 36x + 32$ and $g(x) = -x^2 + x + 2$.

The two graphs intersect at the points A, B and C.

Determine the x -coordinate of each of these three points.



Click [here](#) for video solution. 