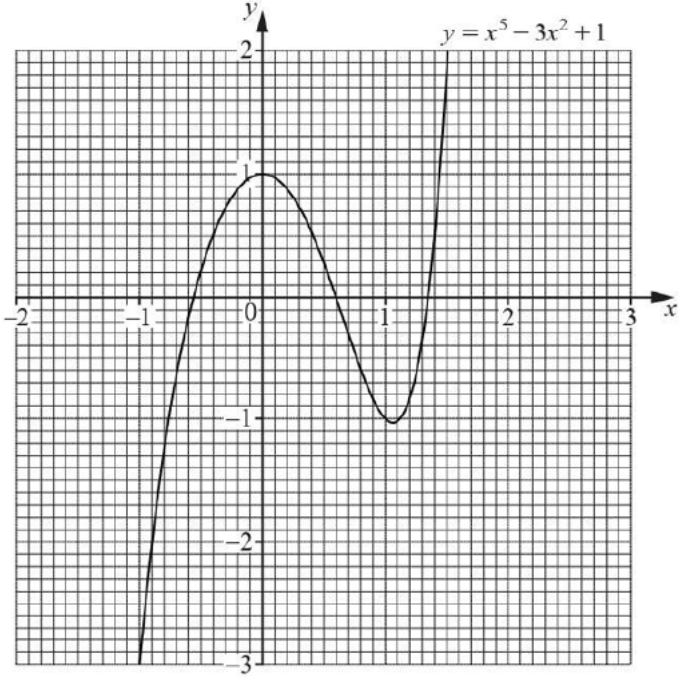
2 The diagram shows part of the graph of $y = x^5 - 3x^2 + 1$.



(a) Write the equation $x^5 - 3x^2 - x + 2 = 0$ in the form $x^5 - 3x^2 + 1 = ax + b$ where a and b are integers to be determined. **[1]**

(b) Hence use the copy of the graph of $y = x^5 - 3x^2 + 1$ in the **Printed Answer Booklet** to solve approximately the equation $x^5 - 3x^2 - x + 2 = 0$. **[3]**