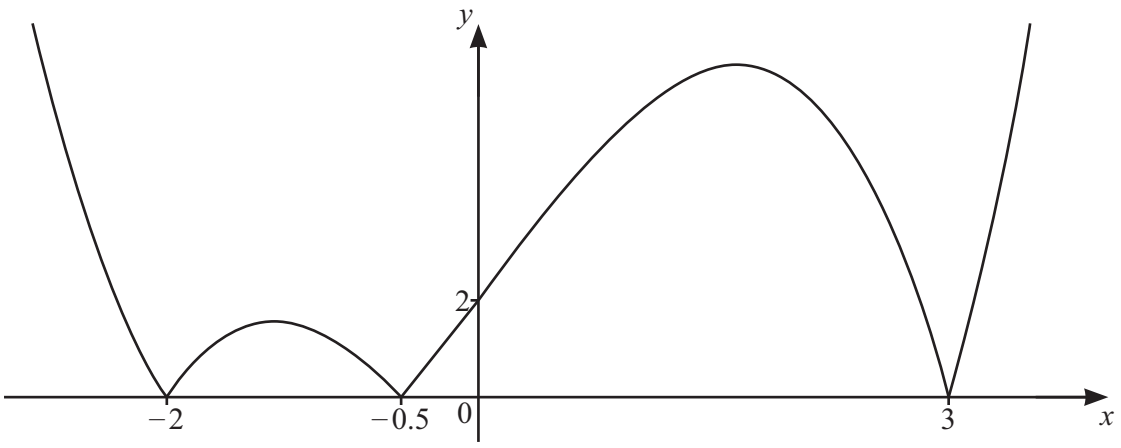
Calculators must **not** be used in this paper.

1



The diagram shows the graph of $y = |f(x)|$, where f is a cubic polynomial.
Find expressions for the two possible functions $f(x)$.
Write each expression in fully factorised form. [3]

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2 Solve the equation $x^{\frac{1}{3}} + 1 = \frac{6}{x^{\frac{1}{3}}}$. [4]

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