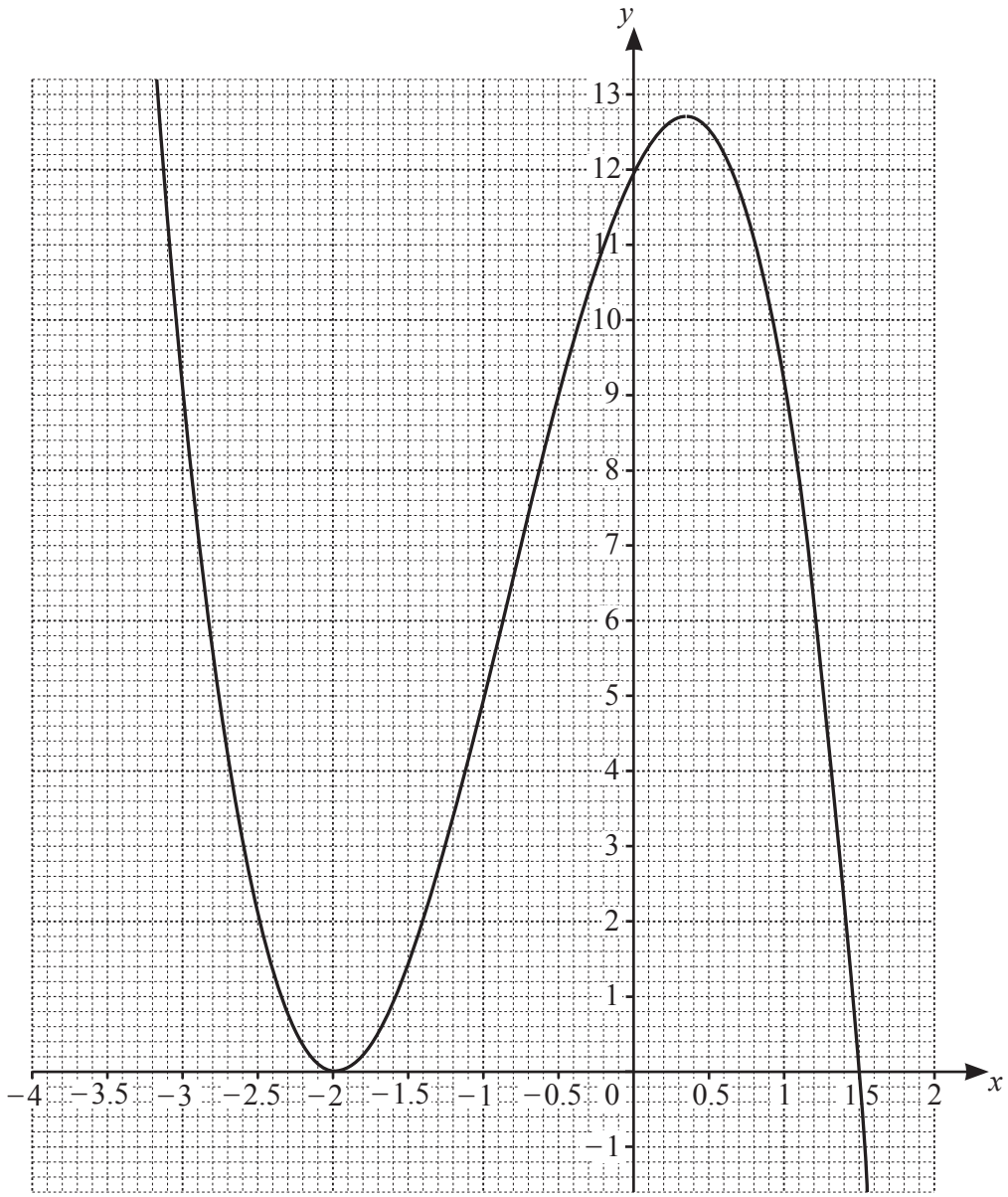
3



The diagram shows the graph of $y = \mathrm{h}(x)$ where $\mathrm{h}(x) = (x+a)^2(b+cx)$ and a, b and c are integers. The curve meets the x-axis at the points $(-2, 0)$ and $(1.5, 0)$ and the y-axis at the point $(0, 12)$.

(a) Find the values of a, b and c. [2]

(b) Use the graph to solve the inequality $\mathrm{h}(x) \leqslant 9$. [3]