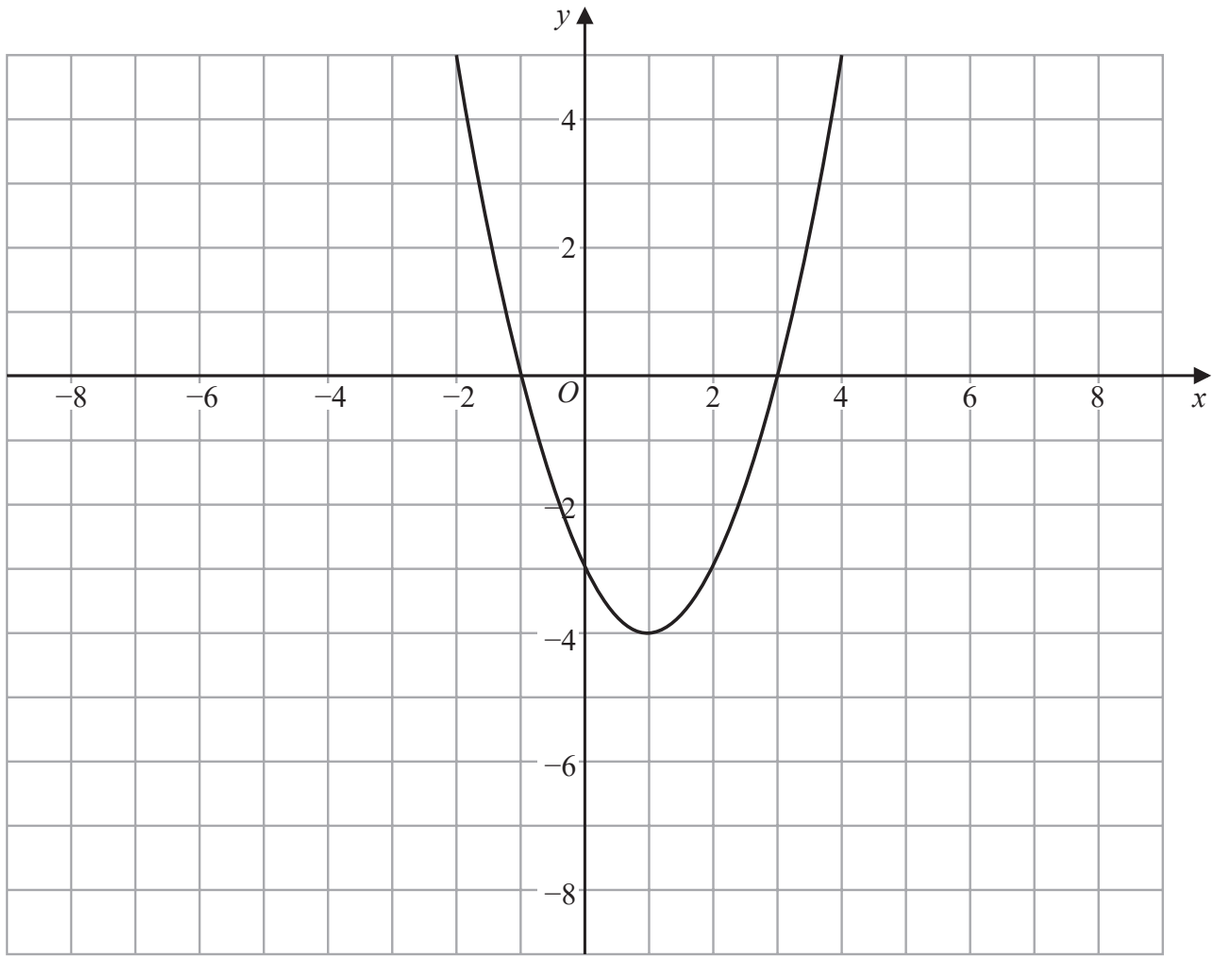
18 The graph of $y = f(x)$ is shown on the grid.

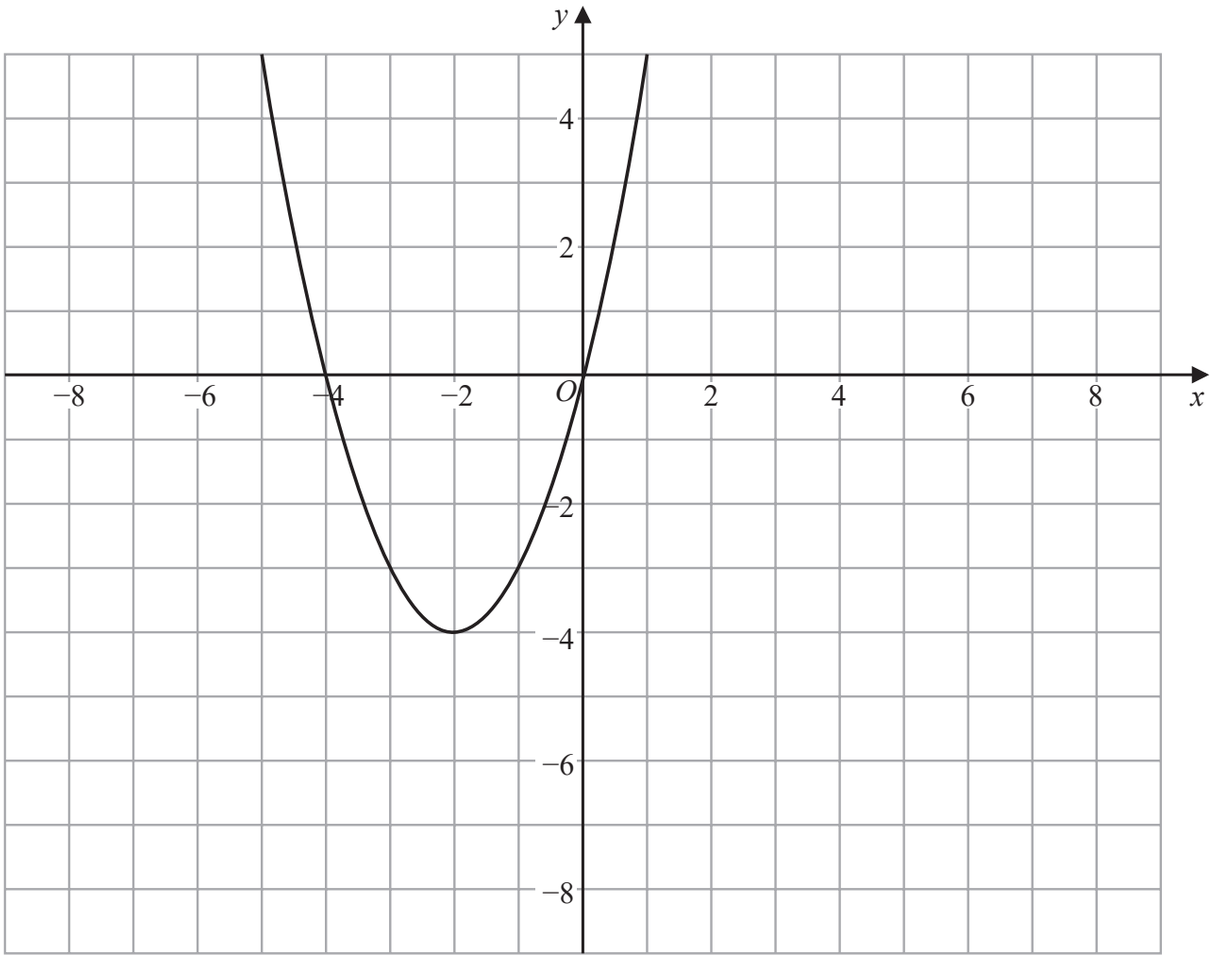


(a) On the grid above, sketch the graph of $y = f\left(\frac{1}{2}x\right)$

(2)

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The graph of $y = f(x + k)$ is shown on the grid below.



(b) Write down the value of k

(1)

(Total for Question 18 is 3 marks)

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