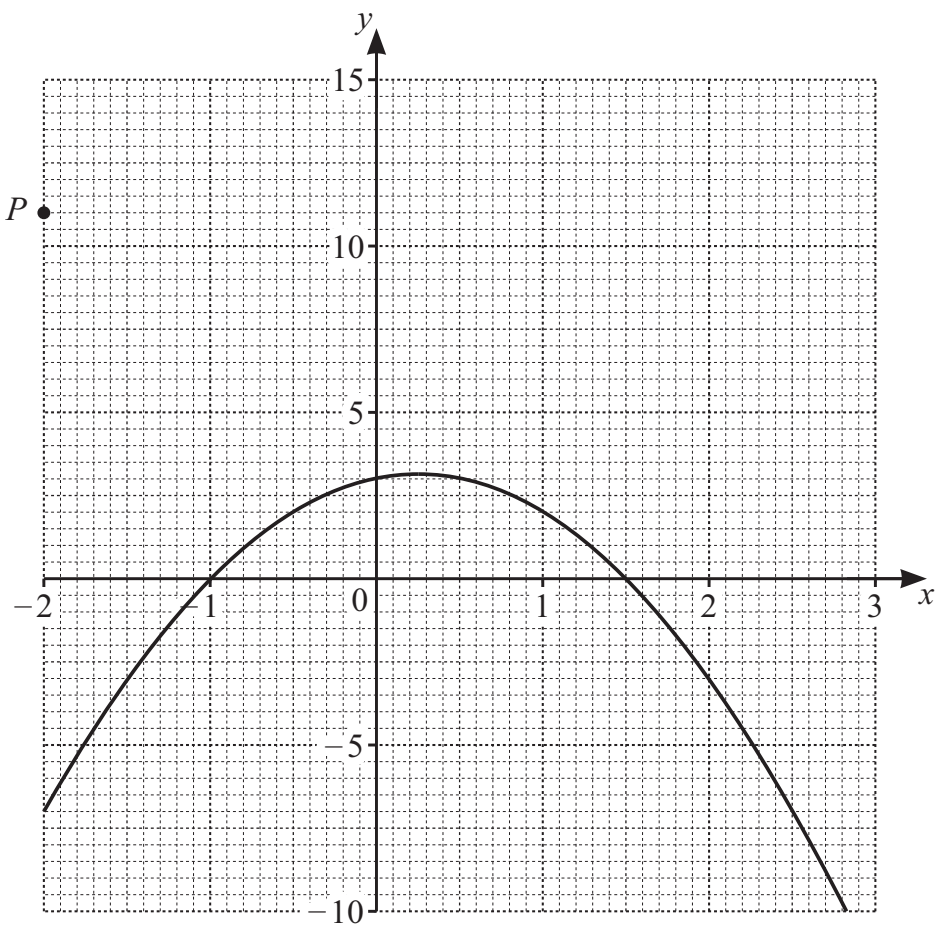


11 The diagram shows the graph of $y = f(x)$ and the point $P(-2, 11)$.



The tangent from P touches the graph of $y = f(x)$ at the point (a, b) .
The values of a and b are integers.

(a) By drawing this tangent, find the value of a and the value of b .

$a = \dots\dots\dots, b = \dots\dots\dots$ [2]

(b) Find the equation of the tangent.
Give your answer in the form $y = mx + c$.

$y = \dots\dots\dots$ [3]