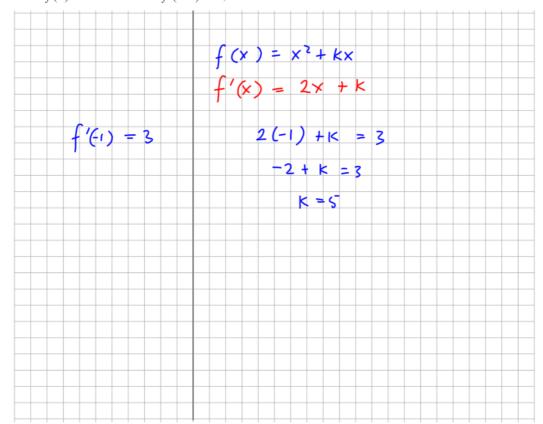
9. If $f(x) = x^2 + kx$ and f'(-1) is 3, find the value of k.



13. Find the slope and hence the equation of the tangent to the curve $y = 6 + x - x^2$ at the point (2, 4).

