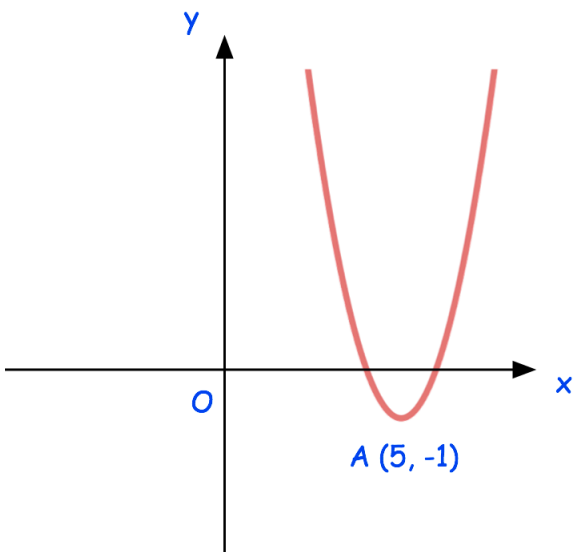


4th May



Corbettmaths



Write down the equation of the tangent at the point A

Write down the equation of the normal at the point A

$f(x) = 4x - 1$ $g(x) = x^2$
for all values of x .

Work out the range of $gf(x)$

Work out the coefficient of x^3 in the expansion of $(1 + 2x)^5$

Solve $\sin\theta = 0.45$ for
 $0^\circ \leq \theta \leq 360^\circ$