

**30th December**

Corbettmaths

Rearrange  $w = 5a - 4c^3$  to make  $c$  the subject

$$f(x) = 9x - 2$$

The range of  $f(x)$  is  
 $-11 \leq f(x) \leq 29.5$

Work out the domain of  $f(x)$

Solve  $\sin\theta = 0.65$  for  
 $0^\circ \leq \theta \leq 360^\circ$

A curve has equation  $y = 3x^2 - x + 7$

At the point P on the curve, the tangent is parallel to the line  $y = 8x - 3$

Work out the coordinates of P