

**28th October**

Corbettmaths

$$f(x) = 8 - x$$

$$g(x) = 4x - 1$$

Find  $gfg(-1)$ 

Given that

$$(ax + 1)(x - 3)(x + b) \equiv 2x^3 - 3x^2 - 8x - 3$$

Find the values of  $a$  and  $b$ Sketch  $y = \cos x$  with  $-180^\circ \leq x \leq 180^\circ$ 

$$y = x^3 - 18x^2 + 81x$$

Find the coordinates of the stationary points.