

18th April



Corbettmaths

$$\int 8x^3 + \frac{9}{x^4} - 2 \, dx$$

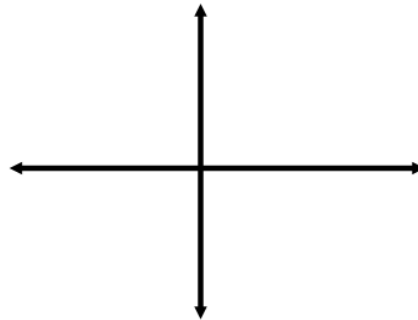
Expand and simplify

$$(2 - 3\sqrt{5})^2$$

Sketch

$$y = (x - 1)(2x + 1)(x + 5)$$

label all coordinates where the curve crosses the axes.



A sequence is defined as

$$u_1 = a$$

$$u_{n+1} = 5u_n + 2$$

Find u_3 in terms of a .Find a given $u_2 = u_3$