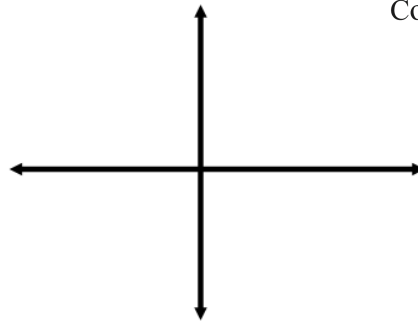


28th Jan

Corbettmaths

Sketch $y = (3 - x)(x + 2)(x + 1)$

Indicate on your sketch the coordinates of all the points where the curve crosses the axes.



Solve the equation

$$x^{2/3} - 64 = 0$$

Solve the simultaneous equations

$$x^2 + xy - 4 = 0$$
$$6x + 4y = 12$$

Find the equation of the straight line passing through A(2, 6) and B(-5, 1)

Give your answer in the form $ax + by + c = 0$ For a curve C with equation $y = f(x)$

$$\frac{dy}{dx} = x^{-1/2} + 1$$

Given the point (4, 11) lies on C

Find y in terms of x