

29th Feb

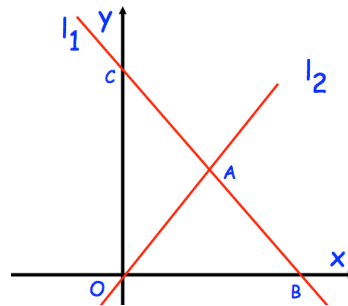


Corbettmaths

Show the equation
 $x^2 + 4x + 20 = 0$ has no real roots

Line l_1 has equation $3x + y = 12$
 Line l_2 is perpendicular to Line l_1 .

The coordinates of A



Find the area of triangle OAB.

$$\int \frac{x^3 + 3\sqrt{x}}{6x} dx$$

The curve C has equation $y = f(x)$ and the point $P(1, 8)$ lies on C.

Given $f'(x) = 3x^2 - 14x - 5$

Find $f(x)$