

10th March



Corbettmaths

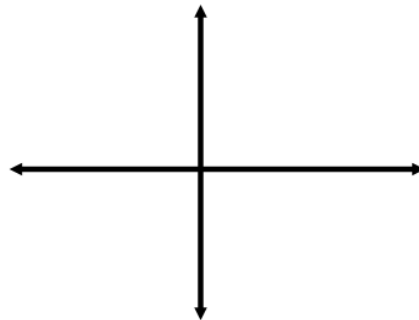
Find the value of

$$25^{-\frac{3}{2}}$$

$$\int x^3 - \frac{1}{x^2} + \sqrt{x} \, dx$$

Factorise completely  $25x - x^3$ Sketch  $y = 25x - x^3$ 

Showing the coordinates of the points where the curve crosses the axes.

Sketch  $y = 25(x + 1) - (x + 1)^3$ 

Showing the coordinates of the points where the curve crosses the axes.

