

26th April

Corbettmaths

A is the point with coordinates (0, 9)
B is the point with coordinates (2, 0)

Work out the length of AB

Find the equation of the straight line passing through AB.

Solve the simultaneous equations

$$y + 2x = 4$$

$$2x^2 - x - y = 11$$

Find the gradient of the curve

$$y = 8\sqrt{x} + x + 1$$

at the point where $x = 4$

Sketch

$$y = \frac{1}{x}$$

