

6th November

Corbettmaths

Make c the subject of

$$\frac{5}{2a} + \frac{b}{2} - \frac{8}{c} = 0$$

$$\begin{pmatrix} 2 & -1 \\ 0 & 1 \end{pmatrix} \begin{pmatrix} a & b \\ 0 & c \end{pmatrix} = \mathbf{I}$$

where \mathbf{I} is the identity matrixWork out the values of a , b and c A curve has equation
 $y = x^4 - 3x^3 + 2x$ Work out the equation of the tangent to
the curve at the point where
 $x = -1$