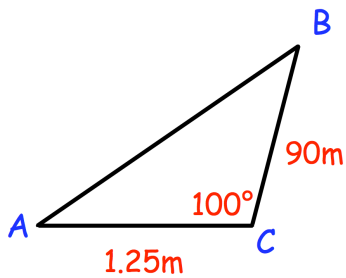


24th June



Corbettmaths

Solve $4x^2 - 4x - 35 = 0$



Work out the size of angle ABC

Work out the equation of the tangent to the curve $y = x^3 - 4x + 6$ at the point (1, 3)

$$\mathbf{A} = \begin{pmatrix} -8 & 5 \\ 2 & 4 \end{pmatrix} \quad \mathbf{B} = \begin{pmatrix} 2 & -1 \\ -1 & 7 \end{pmatrix}$$

Work out the matrix \mathbf{AB}

Write $5x^2 - 15x + 4$ in the form $a(x + b)^2 + c$, where a, b and c are constants