22nd June	
The nth term of a sequence is $\frac{3n}{8n+13}$	Corbettmaths
Work out the position of the term that	
has a value of $\frac{1}{2}$	
3	
Factorise	
$x^3 + 3x^2 - 13x - 15$	
$\mathbf{A} = \begin{pmatrix} -7 & 8\\ 10 & -3 \end{pmatrix} \qquad \mathbf{B} = \begin{pmatrix} 4\\ -3 \end{pmatrix}$	
Work out the matrix <b>AB</b>	
A sume has equation $y = y^3 - 6y^2 + 9$	
A curve has equation $y = x^3 - 6x^2 + 8$	
Show the curve has a minimum point at $(4, -24)$ .	
Show the tangent to the curve at the	
minimum point meets the curve again when $x = -2$	