r.

2nd September	
(x + 2) is a factor of $x^3 - 6x^2 - 9x + a$	Corbettmaths
Work out the value of a	
The first five terms of a sequence are shown below.	
-8, -3, 4, 13, 24	
Work out an expression for the nth term of the sequence	
Angle θ is obtuse and $\sin\theta = \frac{\sqrt{33}}{7}$	
Work out the value of $cos\theta$	
Work out the equation of the normal to the curve $y = 2x^2 - 4x + 5$ at the point (2, 5)	
Give your answer in the form y = mx + c	