Name: _____ 5-a-day Further Maths

2nd February

Corbettmaths

Factorise $3x^2 - 17x + 10$	
AB is a diameter of a circle C. Q is the centre of the circle A has coordinates (–4, 1) and B has coordinates (6, 9).	Find the equation of C
Given that $(x + a)^2(x - 2) \equiv x^3 + bx^2 + 12x - 72$ Find the values of *a* and *b*	
Work out the equation of the normal to the curve $y = (x + 1)(x + 7)$ at the point where $x = -5$	