A - Level Maths 15 Minute Boost 2

State the sine rule:	
State a property of the tangent to a circle.	
$\dfrac{\mathrm{d}}{\mathrm{d}x}\left(\mathrm{e}^{kx}\right) =$	
What is the formula for the binomial expansion of $(a+b)^n, \ \ n \in \mathbb{N}$?	
$\displaystyle\int \sin(ax+b)\ \mathrm{d}x =$	

1) Express $\dfrac{12x^2 + 21x + 7}{(x-1)(x+1)(2x+3)}$ in partial fractions.

2 Find the equation of the circle passing through the points $A(7,5)$, $B(6,6)$ and $C(-1, -1)$.