23rd May	
Factorise fully $(y+5)^4 - (y+5)^3(y-1)$	Corbettmaths
Do not attempt to expand brackets.	
The nth term of a sequence is $\frac{7n^2 + 5}{2n^2 - 1}$	
Find the limiting value of $\frac{7n^2 + 5}{2n^2 - 1}$ as $n \to \infty$	
Solve	
$5sin\theta = cos\theta$ for $0^\circ \le \theta \le 360^\circ$	
The line I is a tangent to the circle $(x-5)^2 + (y+12)^2 = 61$ at the point P.	
P is the point (10, $-6$ )	
Work out the equation of the line I	