A - Level Further Maths 15 Minute Boost 6

$\sum_{r=1}^{n} r^2 =$					
What is the complex conjugate of $z = a + bi$					
For a curve with polar equation $r = f(\theta)$ the area of the region enclosed by the curve between $\theta = \theta_1$ and $\theta = \theta_2$ is					
If $z_1 = r_1 \left(\cos(\theta_1) + i \sin(\theta_1) \right)$ and $z_2 = r_2 \left(\cos(\theta_2) + i \sin(\theta_2) \right)$ then	$\begin{vmatrix} z_1 z_2 \end{vmatrix} = \\ \begin{vmatrix} \frac{z_1}{z_2} \end{vmatrix} =$				
What is the general solution of differential equation?					
1 Find the general solution of the differential equation $\frac{dy}{dx} + \frac{y}{x} = \cos(x)$					



2 E	xpress $\cos^4(\theta)$	in terms o	f $\cos(4 heta)$ an	d $\cos(2\theta)$.
------------	-------------------------	------------	---------------------	---------------------

