Math 201-153　　　Quiz 2　　　　　　　　　(A)

Name:...ID#:...............................Sec:............Ser:...........

Q.1: Sketch the polar graph $r = \sin 3\theta$.

Q.2: Find area inside $r = 1$ and outside $r = 1 - \sin(\theta)$.

Q.3: Convert the polar equation into cartesian equation and sketch its graph

$r = 2\sin\theta + 4\cos\theta$.