

King Fahd University of Petroleum & Minerals
Department of Mathematics and Statistics
(Semester 121) Math 201 Quiz # 2

Name: _____ I.D. # _____ Sr. # _____

Sketch the graphs of the polar curves $r = 2 \cos \theta$ and $r = 2 \cos 2\theta$, then set up (do NOT evaluate) an integral to find the area that is common to both curves.

