

KFUPM Term (151) Name _____

MATH 201 Quiz # 2 ID# _____ Section 02

- 1) Identify the symmetries of the curve $r = 1 + 2 \cos \theta$ then sketch the curve.

- 2) Find the area of the region that lies inside the curve $r = 2 \cos \theta$, and outside the curve $r = 1$.

KFUPM Term (151) Name _____

MATH 201 Quiz # 2 ID# _____ Section 07

- 1) Identify the symmetries of the curve $r = 4 \cos 2\theta$ then sketch the curve.

- 2) Find the area of the region that lies inside the curve $r = 1 - \sin \theta$, and outside the curve $r = 1$.