

# Quiz #1A

Math 201 - 1

Sem 023

Name \_\_\_\_\_ I.D.# \_\_\_\_\_ Serial # \_\_\_\_\_

Q1 Sketch the graph of  $r = 1 - 2 \cos$

Q2 Find the equivalent rectangular coordinates of *the* point  $P \left( 3, \frac{5}{3} \right)$  with the polar coordinates

Q3 Find the points at which the graph  $r = \cos$  has horizontal tangent line