MATH 251, Section _____ Thursday, Oct. 24, 2013

Quiz#7 (Sections 13.5, 13.6) Dr. M. Vorobets

NAME (print):

No credit for unsupported answers will be given. Clearly indicate your final answer.

1. [10 pts.] A lamina occupies the region inside the cardioid $r = 1 + \sin \theta$ and outside the circle r = 1. Find the center of mass if the density at any point is inversely proportional to its distance from the origin.