Quiz 10; Wednesday, April 6 MATH 53 with Professor Stankova Section 109; 11-12 GSI: Eric Hallman

## Student name:

You have 10 minutes to complete the quiz. Calculators are not permitted, and remember to show your calculations and explain your reasoning in order to receive full credit.

1. Use a double integral in polar coordinates to find the volume of a sphere with radius a.