

Quiz 4

Math 101, Term 161

NAME:

ID:

Problem 1. The volume of a cube is increasing at a rate of $1 \text{ m}^3/\text{hr}$. Find the rate at which the surface area is changing.

Problem 2. The radius of a circular disk is measured with possible percentage error 2.5 %. Estimate the percentage error in the calculated circumference of the disk.