

Quiz 1

MATH 1823-030L, CALCULUS I, FALL 2007

SECTION:

NAME:

Problem 1.(10 points.) The surface area of a sphere is increasing at a rate of $2 \frac{\text{cm}^2}{\text{s}}$.
Find the rate at which the radius is increasing when the radius is 10 cm.

Problem 2.(10 points.) State what is the meaning of life.