Fake Quiz 3 Calculus 3 10/27/2008

Each problem is worth 0 points. In the event of an actual quiz, you would have received warning.

1. Set up limits for a triple integral $\iiint_E z\,dV$ where E is the region between a sphere of radius 1 and a sphere of radius 2, both centered at the origin, and with positive y and z coordinates.

2. Set up a triple integral for the volume of the ellipsoid $\frac{x^2}{a^2}+\frac{y^2}{b^2}+\frac{z^2}{c^2}=1$.