## Quiz 7

Name:

UW email address:

Let S be the surface that consists of a part of the cone  $z^2 = x^2 + y^2$  that lies between the planes z=1 and z=2 and it satisfies  $y \ge 0$ . Find a parametrization for S and use it to compute the surface integral

$$\iint_{S} y dS.$$

