MATH 261 Quiz 9 Name: .
Student number:

Show all work. 5 points each.

1. Draw the region $D$ and find the limits of integration for the integral $\iint_D (x+y)\,dA$ where $D$ is bounded by $y = \sqrt{x}$ and $y = x^2$. You do not have to evaluate the integral.

2. Find the volume of the solid bounded by the coordinate planes and the plane $3x + 2y + z = 6$.