Math 251 Quiz 22-March 20 Name_____
K. Pericak-Spector

Evaluate.

1. $\int\int_{\mathcal{B}}\int dV$ where $\mathcal{B}$ is the region in the first octant bounded by the planes $x + 2y + 3z = 6$ and $x + 2y + z = 6$.

2. $\int\int_{\mathcal{B}}\int x^2 e^y dV$ where $\mathcal{B}$ is the region bounded by $z = 1 - y^2$ and the planes $z = 0, x = 1$ and $x = -1$.