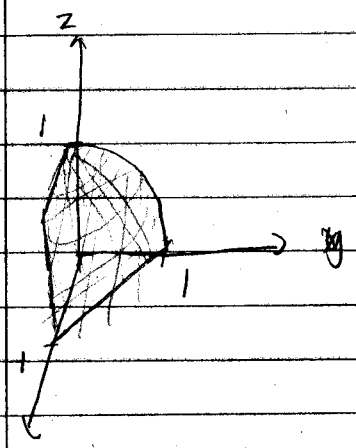
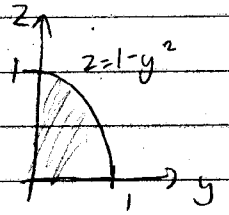
W9 Q1

$y = 1 - x$

$z = 1 - y^2$





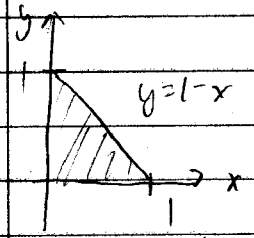
$x_{min} = 0$

$x_{max} = 1 - y$

$$\int_0^1 \int_0^{1-y^2} \int_0^{1-y} f \, dx \, dz \, dy$$

$$\int_0^1 \int_0^{\sqrt{1-z}} \int_0^{1-y} f \, dx \, dy \, dz$$

x



$z_{min} = 0$

$z_{max} = 1 - y^2$

$$\int_0^1 \int_0^{1-x} \int_0^{1-y^2} f \, dz \, dy \, dx$$

$$\int_0^1 \int_0^{1-y} \int_0^{1-y^2} f \, dz \, dx \, dy$$