Calculus III Homework on Lecture 14

- 1. Set up an integral of the given function over the given region in space. Integrate.
 - (a) f(x,y,z) = x + y + z, over the region \mathbb{R}^3 bounded by x + 2y + z = 2, x = 2y, x = 0, z = 0.
 - (b) f(x,y,z)=x+y+z, over the region \mathbb{R}^3 bounded by x+3y+z=2, x=3y, x=0, z=0.