Q1. Solve the double integral \( \int_1^3 \int_1^x \sqrt{x} \, dy \, dx \)

Q2. Find the volume of the region bounded by \( z = x^2 + y^2 \) and the planes \( x = 0, y = 1, y = 2x, z = 0 \)

Q3. Change the limits of integration in the integral \( \int_0^1 \int_0^1 f(x, y) \, dx \, dy \)