

KFUPM

Name: _____

QUIZ (4b)

S.ID: _____

MATH 201-181

Sec.() Ser.# ()

Q1) Evaluate the iterated integral $\int_0^1 \int_{\sqrt{x}}^1 \cos y^3 dy dx$.

Q2) Set up the integral to determine the area of the region that lies
inside $r = 2 + 2 \sin \theta$ and outside $r = 1$.