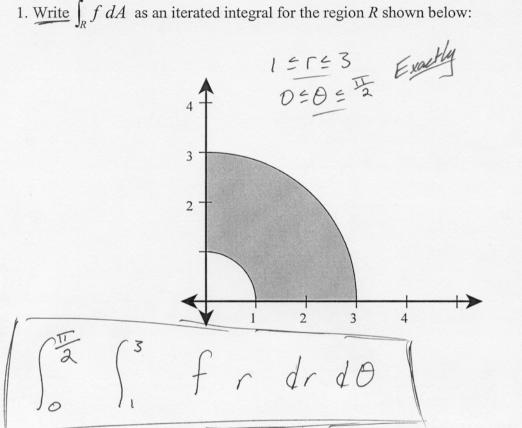
Each problem is worth 5 points. Clear and complete justification is required for full credit.

10/20/2004

Calculus 3



Quiz 5

2. Carefully sketch the region of integration represented by the integral $\int_{\pi/4}^{5\pi/4} \frac{2}{4} r^3 dr d\theta$ It is a part of a circle with radius of 2 canter going from $\frac{\pi}{4}$ to $\frac{5\pi}{4}$. So it is a semicircle.

Excellent!