## "QUIZ" for Lecture 13

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<b>NAME:</b> (print!)		Section:	

## E-MAIL SCANNED .pdf OF COMPLETED QUIZ to DrZcalc3@gmail.com (Attachment: q13FirstLast.pdf) ASAP BUT NO LATER THAN Oct. 22, 8:00pm

1. Change the order of integration in

$$\int_1^4 \int_0^{\ln y} f(x,y) \, dx \, dy \quad .$$

2. Evaluate

$$\int_0^2 \int_{y/2}^1 \frac{1}{(x^2+1)^2} \, dx \, dy \quad ,$$

by inverting the order of integration and evaluating the new iterated integral.