Math 397   Quiz 7

Name: _____

1. (5 points) Evaluate

$$\int_2^4 \int_1^y \cos(x+y)\, dx\, dy$$

2. (5 points) Find

$$\iint_R x - y\, dA$$

where R is the region given by $x^2 + y^2 \leq 9$ and $x \leq 0$.