ASSIGNED Wed 4/16/08 and DUE Thu 4/17/08

NET #7: EVALUATE THE CURVILINEAR INTEGRAL \( \int_{C} \frac{y}{x} \, ds \) WHERE C IS THE CURVE GIVEN BY C: \( x = t, \ y = t^{2}, \ 0 \leq t \leq 10 \)

NET #8: EVALUATE THE CURVILINEAR INTEGRAL \( \int_{C} 2y^{3} \, dx + x^{2} \, dy \) WHERE C IS THE LINE SEGMENT FROM (2,4) TO (8,-3).