Math 301	${ m Quiz} \ \#2$	$\mathbf{Summer} \ 2014$	
Name:			ID:

Exercise # 1: Verify Green's theorem when $F=x^2yi-xy^2j$ and C is the boundary of the region defined by $x^2+y^2\leq 3,\,x,y\geq 0$, oriented positively.