Fall 2020　　ENG 5300　　Quiz 2　　Devendar Reddy Thallapureddy

You must show **all** work to receive full credit. All work is to be your own.　October 5

This is a closed books and notes test. Be organized.　Total points: **20**　19:44- 19:57

1. §10.4 Evaluation of Line Integrals by Green's Theorem.
   Use Green's Theorem to evaluate　20 points

$$\oint_C 3x^2y^2\,dx + 2x^2(1+xy)\,dy$$

where C is the circle shown.