Fall 2020	ENG 5300	Quiz 2	Dong Ye
You must show all	work to receive full credit.	All work is to be you	r own. October 5
This is a closed ho	oks and notes test. Re org	anized Total poin	ts: 20 19:44-19:59

 $1.~\S 10.4$ Evaluation of Line Integrals by Green's Theorem. Use Green's Theorem to evaluate

20 points

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

where C is the circle shown.

