

MATH 3250, SECTION 301

QUIZ 1

01/30/2017

Honor Pledge: On my honor as a student, I have neither given nor received aid on this quiz.

Name:

Signature:

- (1) Solve the initial value problem and give the interval of existence of your solution:

$$\frac{dr}{ds} + 2sr = s, \quad r(0) = -1.$$

(5)