Name:	Lecturer	
Lecture Section:		
Ma 221	Exam IB	09S
I pledge my honor that I have abided by the Stevens Honor System		
You may not use a calculator, cell phone, or coshown to obtain full credit. Credit will not be g you finish, be sure to sign the pledge.		
Score on Problem #1		
#2		
#3		
#4		
Total Score		

Name:	Lecturer

Lecture Section:

Solve:

$$\left(ye^{xy} - \frac{2}{y}\right)dx + \left(xe^{xy} + \frac{2x}{y^2} + y^3\right)dy = 0, \ y(1) = 1$$

Name:
-------

Lecturer \_\_\_\_\_

Lecture Section: \_\_\_\_\_

$$ty' + 3y = t^2 - t + 2$$
  $y(1) = \frac{2}{3}$ 

.

$$y' + 4y^5 = 6x^2y^5 \quad y(0) = 1$$

Name:	Lecturer
Lecture Section:	

$$y' + xy = xe^{-2x^2}y^{-5}$$