

QUIZ 9 FOR CALC4 ON NOV. 13, 2014

Name: _____ RUID: _____

Email: _____

1. Solve the linear system

$$\vec{x}' = \begin{bmatrix} -2 & 1 \\ 1 & -2 \end{bmatrix} \vec{x}$$

2. (extra credit) Draw the phase portrait for the above system.