Math 4B Quiz
March 2, 2016

Names: _____   Score: _____/5

_____

Circle which section you attend: 4pm   5pm   6pm   7pm

Directions: Open book, open note, open neighbor. You will have the remainder of section to complete this quiz.

Disclaimer: The content and level of difficulty of this quiz are not guaranteed to be in correlation with the midterm nor final examinations in any form.

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1. (a) Find the general solution of the system $\mathbf{x}' = \begin{pmatrix} 3 & -2 \\ 2 & -2 \end{pmatrix} \mathbf{x}$.

   (b) Describe the behavior of the solution of the system above as $t \to \infty$.