

**Math 285**

**Name** \_\_\_\_\_

Quiz #8 [4/23/08]

**Q1.(5)** Find  $A^{-1}$  if possible.  $A = \begin{pmatrix} 4 & 8 & 0 \\ -3 & -5 & 0 \\ 0 & 1 & 1 \end{pmatrix}$

**Q2.(5)** Find the general solution of the given system

$$X' = \begin{pmatrix} -1 & 3 \\ -3 & 5 \end{pmatrix} X$$