

**Math 202 (071)**  
**Quiz 3 (8.1-8.2.2)**

Name:

ID #:

Section #: 01

Serial #:

Find the general solution for  $\mathbf{X}' = \begin{pmatrix} -1 & -2 \\ 8 & 7 \end{pmatrix} \mathbf{X}$ .