Attendance Quiz # 21 for Dr. Z.'s Calc4 for Lecture 21

NAME: (print!) _____   **Section:** _____

E-MAIL ADDRESS: (print!) _____

1. Solve the initial value system

$$\mathbf{x}'(t) = \begin{pmatrix} 4 & -8 \\ 2 & -4 \end{pmatrix} \mathbf{x}(t) \quad , \quad \mathbf{x}(0) = \begin{pmatrix} -1 \\ 1 \end{pmatrix} \quad .$$