

Name:

1. Let  $A = \begin{pmatrix} 2 & -1 \\ 1 & 0 \end{pmatrix}$ . Compute  $e^{At}$ .

2. Let  $B = \begin{pmatrix} 2 & 1 \\ 0 & 1 \end{pmatrix}$ . Compute  $e^{Bt}$ .