

**Samples                      Matrix Arithmetic**

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- 1.** Let  $A = \begin{pmatrix} 3 & 1 \\ 0 & -6 \end{pmatrix}$ . Find  $A^{-1}$ .
- 2.** Let  $A = \begin{pmatrix} 6 & 2 \\ 6 & -6 \end{pmatrix}$ . Find  $A^{-1}$ .
- 3.** Let  $A = \begin{pmatrix} 3 & 1 \\ -4 & -3 \end{pmatrix}$ . Find  $A^{-1}$ .