**Exercises on left and right inverses; pseudoinverse**

**Problem 26.1:** Find a right inverse for $A = \begin{bmatrix} 1 & 0 & 1 \\ 0 & 1 & 0 \end{bmatrix}$.

**Problem 26.2:** Does the matrix $A = \begin{bmatrix} 4 & 3 \\ 8 & 6 \end{bmatrix}$ have a left inverse? A right inverse? A pseudoinverse? If the answer to any of these questions is ″yes″, find the appropriate inverse.