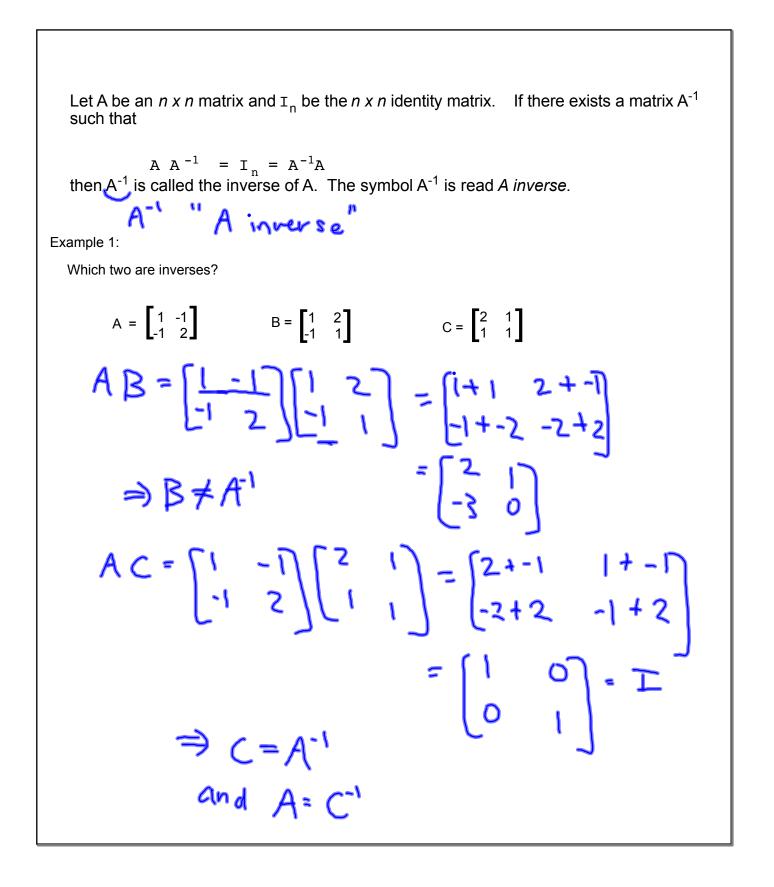
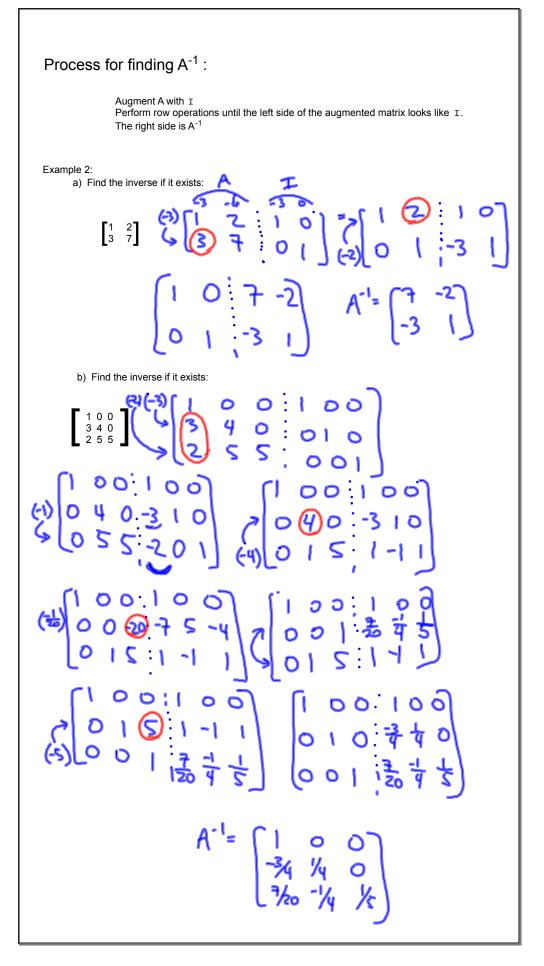
## 8.3 The inverse of a square matrix

You will:

- Verify that matrices are inverses of each other.
  Determine the inverse of a 2x2 matrix if it exists.
- Use Gauss-Jordan elimination to determine the inverse of a 3x3 matrix.
- Use inverse matrices to solve systems of linear equations.





## Inverse of a square matrix

