

Trigonometry Chapter 8 Objectives

8.1~8.5

- Write the augmented matrix for the system of linear equations
- Perform the row operations on the matrix
- Use Gaussian elimination with back-substitution or Gauss-Jordan elimination
- Add, Subtract, and scale matrices
- Multiply matrices
- Find the inverse of a matrix
- Solve the system of linear equations using the inverse matrix
- Find the determinant of the matrix
- Use Cramer's Rule to solve a system of linear equations
- Use a determinant to find a point collinear with points
- Find the coded row matrices for the message
- Decode a cryptogram using matrices