Algebra - Determinants

Grade 12 | Difficulty: Medium

- 1. Evaluate the determinant of a 3x3 matrix.
- 2. Find the determinant using cofactor expansion.
- 3. Determine if the matrix is invertible using its determinant.
- 4. Calculate the determinant of an upper triangular matrix.
- 5. Prove that the determinant of a diagonal matrix is the product of its diagonal elements.