Algebra - Linear Algebra

Grade 12 | Difficulty: Easy

1. Solve for x in the matrix equation AX = B.

2. Find the determinant of the matrix: | 1 2 | | 3 4 |.

3. Determine whether the given set of vectors is linearly independent.

4. Calculate the eigenvalues of the matrix: | 2 1 | | 1 3 |.

5. Find the inverse of the matrix: | 2 -1 | | -3 4 |.