1. Find a, b and c so that the system has the solution

2. If an n×n matrix A satisfies, find A-1.

3. Find the inverse of the matrix

4.Find when

5. For what value(s) of is the matrix not invertible?

6. Compute the rank of the matrix

7. Determine the values of k so that the system of equations

has a unique solution.

8. Determine the values of k such that the system of linear equations is consistent

9. Let . Find rank(A).

10. The (2, 1)-cofactor of the matrix is: