Kognity © 2026

1.16 Systems of linear equations

Checklist

What you should know

By the end of this subtopic you should be able to:

- solve systems of two linear equations with two unknowns using elimination and substitution

- solve systems of two equations and two unknowns with complex coefficients

- use Gaussian elimination to solve systems of three linear equations with three unknowns

- determine the nature of solutions when solving a system of two equations by substitution or elimination and when solving a system of three equations using Gaussian elimination

- determine values of coefficients which would produce a specified kind of solution to a system of equations

- solve systems of equations using a calculator.

Kog

Kog