

# Chapter 1

## Solving System of Equations

### 1.1 Gauss elimination

#### Exercise 1

For each of the following linear systems, obtain a solution by graphical methods, if possible. Explain the results from a geometrical standpoint.

a)

$$x_1 + 2x_2 = 3 \quad (1.1)$$

$$x_1 - x_2 = 0 \quad (1.2)$$