

Chapter 04

LINEAR EQUATIONS IN TWO VARIABLES

Equation of lines parallel to x-axis:

In One Variable:

- ◆ A linear equation $x - a = 0$ is treated as an equation in one variable 'x' only.
- ◆ It has the unique solution $x = a$.
- ◆ This can be represented geometrically by plotting $x = a$ on number line.

Example:

Represent $x - 3 = 0$ in one variable.

Solution:

In one variable $x - 3$ is,

