

Chapter 04

LINEAR EQUATIONS IN TWO VARIABLES

Equation of lines parallel to y-axis:

In One Variable:

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

Example:

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

Solution:

In one variable $y = 3$ is,

