

**FORMULAE:**

1. Linear equation in one variable:

An equation in the form of  $ax + b \neq 0$ , where:  $a \neq 0$ ,  $b \neq 0$ , and  $a, b$  are the real numbers.

2. Linear equation in two variables:

An equation in the form of  $ax + by + c = 0$ , where:  $a \neq 0$ ,  $b \neq 0$ , and  $a, b, c$  are the real numbers.

3. The equation of the Y-axis is  $X = 0$ .

4. The equation of the X-axis is  $Y = 0$ .

5. The graph of  $x = a$ , is a straight line parallel to the Y-axis.

6. The graph of  $y = a$ , is a straight line parallel to the X-axis.

7. An equation of the type  $y = mx$ , represents a line passing through the origin.