

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date:

Name:

ID No.....

Oral Test

1. Which methods are used for solving a pair of linear equations algebraically?

Sol. _____

2. What conditions must be satisfied by the co-efficients of x and y if $ax + by + c = 0$ is a linear equation in two variables?

Sol. _____

3. If $\frac{a_1}{a_2} \neq \frac{b_1}{b_2} = \frac{c_1}{c_2}$, then how many solutions does the system of equations $a_1x + b_1y + c_1 = 0$ and $a_2x + b_2y + c_2 = 0$ have?

Sol. _____

4. Can a pair of linear equations have exactly two solutions?

Sol. _____

5. What are the possible solutions for a pair of linear equations?

Sol. _____

