

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date:

Name:

ID No.....

Match the Columns

1. Match the following columns by placing the correct letter in square box.

| | Column I | | Column II |
|-------|---|-----|---------------------------|
| (i) | $x + y + 5 = 0$ $5x + 2y = -13$ | (a) | infinitely many solutions |
| (ii) | $2x + y + 7 = 0$ $y - x = 8$ | (b) | no solution |
| (iii) | $3x - 4y + 7 = 0$ $8y - 6x - 14 = 0$ | (c) | $x = 2, y = 3$ |
| (iv) | $x - y + 1 = 0$ $3x - 2y = 22$ | (d) | $x = -1, y = -4$ |
| (v) | $y = 5, y = -3$ | (e) | $x = -5, y = 3$ |
| (vi) | $3x - 2y = 0$ $5x + y = 13$ | (f) | $x = 4, y = -5$ |

(i) →

(ii) →

(iii) →

(iv) →

(v) →

(vi) →