

Aptitude Assignment 1

1. The equations of the lines $x=2$ & $y=4$ meet at the point

Answer:

The equations $x=2$ and $y=4$ represent vertical and horizontal lines, respectively, that intersect at the point $(2,4)$.

2. Equations $2X+3Y=9$ & $7X+9Y=-6$ have how many solutions?

Answer: No solution

3. Equation $7x+9y=-5$ has how many keys?

Answer: 2 keys

4. Equation $ax^2+bx+c=0$ will be for $a=b=c=0$.

Answer: The equation $ax^2+bx+c=0$ will be an identity for $a=b=c=0$.

5. Income of A & B is in ratio 2:3. For example, if B's income is Rs 3000, find out the ratio of their expenditures if their savings are Rs 500 & Rs 700, respectively.

Answer: the ratio of their expenditures = A's expenditure : B's expenditure = 1500 : 2300 = 15 : 23