

Aptitude Assignment 1

1. The equations of the lines $x=2$ & $y=4$ meet at the point
2. Equations $2X+3Y=9$ & $7X+9Y=-6$ have how many solutions?
3. Equation $7x+9y=-5$ has how many keys?
4. Equation $ax^2+bx+c=0$ will be 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.

ANSWERS:-

- 1) (2,4).
- 2) They intersect at a single point.
- 3) The equation $7x+9y=-5$ has infinitely many solutions.
- 4) The equation $ax^2+bx+c=0$ will have an infinite number of solutions.
- 5) The ratio of their expenditure is 15:23.