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

Solution: The equations x = 2 and y = 4 represent vertical lines that intersect **at the point (2, 4)**

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

Solution: equations 2X + 3Y = 9 and 7X + 9Y = -6 has a **unique solution**.

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

Solution: **1. x-intercept = -5/7 = -0.71429**

**2.y-intercept = -5/9 = -0.55556**

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

Solutions: This is **not a quadratic equation.**

1. 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

Solutions: The ratio of their expenditures is **15:23**.