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# Aptitude Assignment 1

2,4

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?

Ans : One solution,  $X=-33, Y=25$

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

Ans : One key, where  $x$  and  $y$  are real no

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

Ans : true for all values of  $x$

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.

Ans : 15:23

