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Class - $\mathbf{9}^{\text {th }}$
Worksheet-11

Chapter-4
-

Subject Maths
Linear Equation in two variable

1. Write each of the following equations in the form $a x+b y+c=0$ and indicate the values of $a, b$ and $c$ in each case:
(i) $2 x+3 y=4.37$
(ii) $x-4=3 y$
(iii) $4=5 x-3 y$
(iv) $2 x=y$
2. The cost of a notebook is twice the cost of a pen. Write a linear equation in two variables to represent this statement. (Take the cost of a notebook to be `\(x\) and that of a pen to be` $y$ ).
3. Find four different solutions of the equation $x+2 y=6$.
4. Find two solutions for each of the following equations:
(i) $4 x+3 y=12$
(ii) $2 x+5 y=0$
(iii) $3 y+4=0$
