

LATEX ASSIGNMENT

ANAND

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EXERCISE 9.4.1

1. 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).
2. Express the following linear equation in the form $ax + by + c = 0$ and indicate the values of a , b and c in each case:
 - (i) $2x + 3y = 9.\overline{35}$
 - (ii) $x - \frac{y}{5} - 10 = 10$
 - (iii) $-2x + 3y = 6$
 - (iv) $x = 3y$
 - (v) $2x = -5y$
 - (vi) $3x + 2 = 0$
 - (vii) $y - 2 = 0$
 - (viii) $5 = 2x$