

Board – ICSE

Class – VII

Topic – Simple linear equation

1. Solve: $n + 17 = 100$ [n=-83]
2. Solve: $3m - 7 = 17$ [m=8]
3. Solve: $\frac{(2x + 5)}{(x + 4)} = 1$ [x=-1]
4. The sum of three consecutive multiples of 4 is 444. Find these multiples. [144,148,152]
5. Divide 28 into two parts in such a way that $\frac{6}{5}$ of one part is equal to $\frac{2}{3}$ of the other. [10,18]
6. The sum of two numbers is 25. One of the numbers exceeds the other by 9. Find the numbers. [17,8]
7. Solve: $7 + 4x = 9x - 13$ [x=4]
8. The price of 2 tables and 3 chairs is Rs 680. If a table cost Rs. 40 is more than a chair, find the cost of each. [Chair= Rs.120 and Table=Rs.160]
9. Solve: $\frac{2}{x+3} = \frac{3}{5-x}$ [1/5]
10. Solve: $\frac{x}{2} + \frac{x}{3} = x - 7$ [42]