**CLASS: 10TH STD**

**SUBJECT: MATHS**

**CHAPTER: PAIR OF LINEAR EQUATIONS IN TWO VARIABLES**

**SOLVE:**

1. The sum of the digits of a two digit number is 8. If the digits are reserved, the number is decreased by 54. Find the number
2. 62
3. 80
4. 71
5. 53
6. The sum of salaries of **A** and **B** are Rs. 2100. **A** spends 80% of his salary and **B** spends 70%. If their savings are now in the proportion of 4:3, what is the salary of **A**?
7. Rs. 700
8. Rs. 1000
9. Rs. 1400
10. Rs. 1200
11. Two numbers are such that their difference, their sum and their product are to one another as 1:7:24. The product of two numbers is \_\_\_\_\_\_\_\_\_\_\_
12. 12
13. 24
14. 48
15. 96
16. The sum of two numbers is 20 and their product is 64. Then one of the number is
17. 14
18. 16
19. 12
20. 8
21. The denominator of a rational number is greater than its numerator by 3. If 3 is subtracted from the numerator and 2 is added to the denominator, the new number becomes . Then the original number was

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