

1. Sum of two numbers is 40. If one of them is 10 more than the other, find the numbers. (15, 25)
2. One number is 6 more than the other number. Also, 7 times the smaller number is equal to 6 times the larger number. Find the two numbers. (36, 42)
3. Three consecutive integers are such that when they are taken in increasing order and multiplied by 2, 3 and 4 respectively, they add up to 74. Find these numbers. (7, 8, 9)
4. The difference of two positive numbers is 69. The quotient obtained on dividing one by the other is 4. Find the numbers. (23, 92)
5. The sum of three consecutive integers is 63? Find the integers. (20, 21, 22)
6. One third of which number must be subtracted from $\frac{7}{11}$ to give $\frac{24}{55}$? ($\frac{3}{5}$)
7. Two numbers are such that the ratio between them is 3:5. If each is increased by 10, the ratio between the new numbers so formed is 5:7. Find the original numbers. (15, 25)
8. The denominator of a rational number is greater than its numerator by 7. If the numerator is increased by 17 and the denominator is decreased by 6, the new number becomes 2. Find the original number. ($\frac{15}{22}$)
9. The digit at the ten's place of a two digit number is four times that in the unit's place. If the digits are reversed, the new number will be 54 less than the original number. Find the original number. (82)
10. A number consists of two digits of which ten's digit exceeds the unit's digit by 7. The number itself is equal to 10 times the sum of its digits. Find the number. (70)