

1. The ratio of the number of 50 paise coins and one rupee coins with Ramya is 7 : 10. If the value of the 50 paise coins with her is Rs. 280, then what is the number of one rupee coins with her?
2. The ratio of the ages of Abishek, Bala, Chitra and Deepak is 8:10:7:9 respectively. The oldest person is 9 years older than the youngest person. Find the age of Abishek.
3. The ratio of ages of Bhavana and Gowtham is 2 : 3. Bhavana's present age is 24. If the ages of Bhavana, Gowtham and Chirag are in continued proportion, find Chirag's age?
4. What is the least number that must be subtracted from 18, 30 & 54 such that the resultant numbers are in continued proportion?
5. The ratio of a father's age to his son's age is 4 : 1. The product of their ages is 196. What will be the ratio of their ages after 5 years?
6. A earns twice as much as B does but spends two and a half times of what B does. If both of them save Rs. 2000 each, find A's earning.
7. The ratio of present ages of father and son is 4 : 1. The father was 36 years old when his daughter, who is 6 years younger to his son, was born. Find the present ages in years of the father and the son.
8. Joseph's father is 5 times older than Joseph and Joseph is twice as old as his sister Alice. In two years time, the sum of their ages will be 58. How old is Joseph now?
9. Anand and Babu invest in a business in the ratio 4 : 3. If 2% of the total profit goes to charity and Anand's share is Rs. 854, what is Babu's share?
10. A and B together invested Rs. 18000 in a business. The ratio of their investments was 4 : 5. At the end of the year, a total profit of Rs. 2700 was generated. Find their profits.
11. Monish started a business by investing Rs. 80000. Six months later, Mani joined him with a capital of Rs. 140000. If at the end of the year, the total profit is Rs. 37500, then what is Mani's share of profit?
12. A, B, C rent a pasture. A puts 10 oxen for 7 months, B puts 12 oxen for 5 months and C puts 15 oxen for 3 months for grazing. If the rent of the pasture is Rs. 175, how much must C pay as his share of rent?