

CHAPTER

Partnership

Topics to be covered with examples:

- Basic concept of partnership
- Using proportion to solve partnership problems.
- Solving problems involving same tenure.
- Solving problems involving varying tenure.

1. Raj invested Rs 76000 in a business. After few months Monty joined him and invests Rs 57000. At the end of year both of them share the profits at the ratio of 2:1. After how many months Monty joined Raj?

2. A and B started a business by investing money in ratio of 5:6. C joined them after few months by sharing an amount equal to B's share. At the end of year 20% profit was earned which was equal to Rs 98,000. How much money was invested by C?

3. A, B and C shared profits in ratio of 5:7:8. They partnered for 14 months, 8 months and 7 months respectively. What was the ratio of their investments?

4. Sita and Geeta started a business by investing Rs. 120000 and Rs.135000 respectively. Find the share of each out of an annual profit of Rs. 35700.

5. Ravi started a business by investing Rs.36000. After 3 months Shayam joined him by investing Rs.36000. Find the share of each in the annual profit of Rs. 37100.

6. How should a profit of Rs 450 be divided between two partners, one of whom has contributed Rs 1200 for 5 months and the other Rs 750 for 4 months?

7. There are three partners A, B and C in a business. A puts in Rs 2000 for 5 months, B Rs 1200 for 6 months and C Rs 2500 for 3 months, and the profit are Rs 508.82. Find A share?

8. A and B enter into a partnership .for a year, A contributes Rs 1500 and B Rs 2000. After 4 months they admit C, who contributes Rs 2250. If B withdraws his contribution after 9 months, how would they share a profit of Rs 900 at the end of the year?

9. A, B and C enter into a partnership. A advances one-fourth of the capital for one – fourth of the time; B advances one-fourth of the capital for half of the time; and C, the remainder of the capital for the whole time. How much C gets from profit of Rs 3420?

10. Three partners altogether invested Rs 114000 in a business. At the end of the year, one got Rs 337.50, the second Rs 1125.00 and the third Rs 675 as profit. How much amount did each invest? What is the percentage of profit?

