

## Partnership

### Model 1: Distribution of Profit



1. Meena started a business investing ₹ 12000. After 5 months, Abhay joined her with a capital of ₹ 9000. At the end of the year, the total profit was ₹ 4416. What is the share of profit of Meena?  
1) ₹ 1344      2) ₹ 3364      3) ₹ 3072      4) ₹ 2568      5) None of these
2. Tanvi started a business investing ₹ 45,000. After 8 months Anisha joined her with a capital of ₹ 52,000. At the end of the year, the total profit was ₹ 56,165. What is the share of the profit of Anisha?  
1) ₹ 21450      2) ₹ 24440      3) ₹ 27635      4) ₹ 317650      5) None of these
3. P, Q and R invested ₹ 45,000, ₹ 70,000 and ₹ 90,000 respectively to start a business. At the end of two years, they earned a profit of ₹ 1, 64,000. What will be Q's share in the profit  
1) ₹ 56,000      2) ₹ 35,000      3) ₹ 72,000      4) ₹ 64,000      5) None of these
4. Prakash, Sunil and Anil started a business jointly investing ₹ 11 lakhs, ₹ 16.5 lakhs and ₹ 8.25 lakhs respectively. The profit earned by them in the business at the end of three years was ₹ 19.5 lakhs. What will be the 50% of Anil's share in the profit?  
1) ₹ 4.5 lakhs      2) ₹ 2.25 lakhs      3) ₹ 2.5 lakhs  
4) ₹ 3.75 lakhs      5) None of these
5. A, B and C enter into a partnership. A contributes ₹ 320 for 4 months, B contributes ₹ 510 for 3 months and C contribute ₹ 270 for 5 months. If the total profit is ₹ 208, what will be the share of A?  
1) ₹ 92      2) ₹ 64      3) ₹ 88      4) ₹ 94      5) ₹ 56

**Model 2: Difference between Profits**

6. Pankaj and Nitin started a business investing ₹ 42,000 and ₹ 57,000 respectively, but Nitin left the business after 8 months. Find the difference between the share of profits of Pankaj and Nitin, if the total profit at the end of the year was ₹ 26,000?

1) ₹ 1200      2) ₹ 1400      3) ₹ 1600      4) ₹ 1300      5) None of these

7. Prabha started a business investing 32000. After 5 months, Amit joined her with a capital of ₹ 22,000. At the end of the year, the total profit was ₹ 16,409. What is the difference between the shares of Prabha and Amit?

1) ₹ 5,284      2) ₹ 11,712      3) ₹ 10,182      4) ₹ 7015      5) None of these

8. Arun started a business investing ₹ 38,000. After 5 months Bakul joined him with a capital of ₹ 55,000. At the end of the year, the total profit was ₹ 22,000. What is the approximate difference between the share of profit of Arun and Bakul?

1) ₹ 1192      2) ₹ 1856      3) ₹ 1007      4) ₹ 1928      5) ₹ 1568

**Model 3: Profit Ratio based on given Conditions**

9. Sarita started a business investing ₹ 50000. After six months, Abhishek joined her with ₹ 75000. After another six months, Nisha also joined them with ₹ 1.25 lakh. What should be the ratio in which the profits are shared by the 3 persons respectively at the end of 2 years?

1) 4:5:6      2) 8:9:10      3) 8:9:12      4) 4:5:8      5) None of these

**Model 4: Additional Investments after a Certain Period**

10. Subhash started a business by investing ₹ 25,000. 6 months later Aditya joins him by investing ₹ 15,000. After another 6 months. Aditya invests an additional amount of ₹ 15,000. At the end of 3 years they earn a profit of ₹ 2, 47,000. What is the Aditya's share in the profit?

- 1) ₹ 1,13,000      2) ₹ 1,23,000      3) ₹ 1,17,000      4) ₹ 1,11,500      5) None of these

**Answers**

1 - 3	2 - 5	3 - 1	4 - 2	5 - 2	6 - 4	7 - 4	8 - 2	9 - 2	10 - 3
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**Additional Examples**

1. In a business partnership among A, B, C and D, the profit is shared as follows

$$\frac{A's \text{ share}}{B's \text{ share}} = \frac{B's \text{ share}}{C's \text{ share}} = \frac{C's \text{ share}}{D's \text{ share}} = \frac{1}{3} \text{ If the total profit is ₹ 4,00,000, the share of C is}$$

- a) ₹ 1, 12,500      b) ₹ 1, 37,500      c) ₹ 90,000  
d) ₹ 2, 70,000

2. Amitabh, Brijesh and Kamlesh enter a partnership with shares in the ratio of  $\frac{7}{2} : \frac{4}{3} : \frac{6}{5}$ . After 4

months, Amitabh increases his share by 50%. If the total profit at the end of the year be ₹ 21600, what will be the share of Brijesh in the profit?

- a) ₹ 8000      b) ₹ 12000      c) ₹ 4000      d) ₹ 7000



3. A and B started a business with ₹ 5,000 and ₹ 4000 respectively. After 1 month B withdraws  $\frac{1}{4}$  part of his contribution and after 3 months from the starting A puts ₹ 2000 more. When B withdraws his money at the same time C also joins them with ₹ 7000. If at the end of 1 year there is a profit of ₹ 1218. What will be the share of C in the profit?
- a) ₹ 598.17      b) ₹ 688.17      c) ₹ 498.19      d) ₹ 488.47
4. A and B are partners in a business. A contributes  $\frac{1}{4}$  of the capital for 15 months and B received  $\frac{2}{3}$  of the profit. Find for how long B's money was used\_
- a) 6 months      b) 8 months      c) 10 months      d) 12 months
5. A starts business with ₹ 7000 and after 5 months, B joined as a partner. After a year the profit is divided in the ratios 2:3. The capital of B is
- a) ₹ 10000      b) ₹ 6500      c) ₹ 18000      d) ₹ 9000
6. A, B, and C enter into a partnership. A contributes one-third of the capital, while B contributes as much as A and C together. If the profit at the end of the year amounts to ₹ 720, then A's Share is
- a) ₹ 310      b) ₹ 326      c) ₹ 291      d) ₹ 240

### Answers

1 - c	2 - c	3 - d	4 - c	5 - c	6 - d
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