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1. Gita started a business investing Rs. 60000. After six months Kanchan joined her with Rs. 90000. After another six months Rekha also joined them with Rs. 1.35 lakh. The profit earned at the end of 3 years when Gita started the business should be distributed among Gita, Kanchan and Rekha in the ratio of

- A. 4 : 5 : 6
B. 6 : 7 : 8
C. 6 : 8 : 7
D. 6 : 5 : 4
E. None of these

2. Pradeep invested 20% more than Manu, Manu invested 10% less than Ram. If the total sum of their investments is Rs. 14,900, how much amount did Ram invest?

- A. Rs 4950
B. Rs 4900
C. Rs 5000
D. Rs 5050
E. None of these

3. Puneet, Sumit and Amit started a business jointly investing Rs. 11 lakh, 16.5 lakh and 8.25 lakh respectively. The profit earned by them in the business at the end of three years was Rs. 19.5 lakh. What will be the half of Amit's share in the profit?

- A. Rs 4.5 lakh
B. Rs 2.25 lakh
C. Rs 2.5 lakh
D. Rs 3.75 lakh
E. None of these

4. Saurabh, Sanjay and Shubham started a business by investing some money for equal time. Saurabh invested Rs. x, Sanjay invested 75% of Saurabh's investment and 80% of the Shubham's investment. Shubham earned Rs. 10500 of the total profit, Find the total profit.

- A. Rs. 35400
B. Rs. 36200
C. Rs. 32500
D. Rs. 30100
E. None of these

5. Ananya, Dhairya and Chintu started a business investing Rs. 10000, 15000, 18000 respectively. Ananya kept the money for whole year, Dhairya kept his entire amount for 9 months and Chintu kept his money for 7

months. If after a year, Chintu earned Rs. 2100, find the difference between the profit of Ananya and Dhairya.

- A. Rs 200
B. Rs 250
C. Rs 160
D. Rs 300
E. None of these

6. Four child entered into a partnership. A put Rs 15 for 4 months, B put Rs 12 for 2 months, C put Rs 18 for 6 months and D put Rs 16 for 5 months. If profit at the end of year is 1020, What is A's share of profit?

- A. Rs 255
B. Rs 425
C. Rs 245
D. Rs 225
E. None of these

7. In a business, Atul invests $\frac{2}{5}$ of the capital for 8 months, Bablu invests $\frac{1}{4}$ of the capital for $\frac{1}{3}$ of the time and Shinu invests rest of the capital for whole time that is 12 months. Find the difference between the profit of Bablu and Shinu if Atul's share is Rs 3840.

- A. Rs 3840
B. Rs 2500
C. Rs 3260
D. Rs 4260
E. None of these

8. In a business Gaurav, Aashu and Arun invested some money for the same time. $\frac{6}{11}$ of the Gaurav's investment is equal to the $\frac{15}{37}$ of the Arun's investment and Arun invested Rs 1200 more than Aashu's investment and Aashu invested Rs 21000. If out of the total profit Gaurav gets Rs 1815, find the total profit.

- A. Rs 6982
B. Rs 6567
C. Rs 7256
D. Rs 7006
E. None of these

9. Krishna being the working partner receives $\frac{1}{10}$ th of the profit and the remaining amount is divided between Krishna and Suddesh in the ratio of 4 : 5. If Krishna gets Rs. 325 as profit, what is Suddesh's share?

- A. Rs 325
B. Rs 650
C. Rs 625
D. Rs 350
E. None of these





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10. A starts a business with capital of Rs.1400. Five months later B joins and further two months later C joins them. What amount of capital is put in by B and C, if at the end of the year their shares of profit are as 4 : 3 : 2 ?

- A. Rs.1800 and Rs.1680
- B. Rs.1800 and Rs.1600
- C. Rs.1680 and Rs.1800
- D. Rs.1780 and Rs.1680
- E. None of these

11. Dholak and Tabla entered in a partnership business in which Tabla invested Rs. 50,000. At the end of 4 months Tabla withdrew Rs. 7500 and at the end of another 5 months he again withdrew Rs. 9000. Dholak had left his investment intact, then what was his investment if at the end of one – year he received 40% of the total profit?

- A. Rs. 27500
- B. Rs. 32000
- C. Rs. 28500
- D. Rs. 31500
- E. None of these

12. Amit and Aarnav invest Rs. 30,000 and Rs. 20,000 respectively for a business at the start of a year. In each of the next six months after the first month Amit keeps on adding Rs. 1000 while Aarnav keeps on removing Rs. 1000. In the remaining months Amit keeps on removing Rs. 1000 while Aarnav keeps on adding Rs. 1000 every month. Akhil joined them with Rs. 55,000 three months after the start and continued till the end of the year. What will be the difference in the shares of Akhil and Amit after a year if the total profit at the end of the year is Rs. 219000?

- A. Rs. 18800
- B. Rs. 19800
- C. Rs. 19100
- D. Rs. 16800
- E. Rs. 17600

13. Two friends A and B invest in a business in partnership. B borrows 20% of A's salary, combines it with 60% of his salary and invests with A, who puts all of his remaining salary. One year later the ratio of profit of A and B is 5 : 3 respectively and B returns Rs. 21000

to A which he borrowed from him. What is the difference between salary of A and B?

- A. Rs. 33000
- B. Rs. 56000
- C. Rs. 60000
- D. Rs. 28000
- E. None of these

14. Sudhir and Tushar invested Rs. x and Rs. 3x respectively in a business. The time periods of Sudhir and Tushar is in the ratio 2 : 3. If the profit share of Tushar is Rs. 270000, then find the total profit if they continue the business for 3 more years?

- A. Rs. 330000
- B. Rs. 660000
- C. Rs. 1320000
- D. Rs. 1640000
- E. Rs. 1240000

15. Rocky, Molly and Monty invest Rs. 20,000, 20,000 and 30,000 respectively for a business at the start of a year. They continued with same investment till 6 months. In the remaining months Rocky keeps on removing Rs. 2000, Molly keeps on adding Rs. 1000 while Monty keeps on removing Rs. 3000 every month. If the total profit is Rs. 336000, then what is the share of Molly?

- A. Rs. 160000
- B. Rs. 116000
- C. Rs. 126000
- D. Rs. 166000
- E. Rs. 168000

16. A, B and C has Rs 40000, Rs 60000 and Rs 42000 with them. B invests half of his money in partnership with A and the remaining amount in partnership with C. 6 months later B withdraws half the amount invested with A and puts that in the partnership with C. Two years later the profit received by A and C are Rs 6400 and Rs 6720, what is the total profit received by B?

- A. Rs. 8800
- B. Rs. 9600
- C. Rs. 7800
- D. Rs. 8500
- E. None of these

17. R, Q and P start a business together with initial investment of Rs. 20000, Rs. 30000 and Rs. 25000 respectively. After 8 months, R and Q take out Rs. 10000 each from the investment. Total profit earned at





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the end of the year is Rs. 16400. Find out P's share of profit.

- | | |
|-------------|-------------|
| A. Rs. 5500 | B. Rs. 6500 |
| C. Rs. 4000 | D. Rs. 6000 |
| E. Rs. 5000 | |

18. A starts a business with Rs 'P' and 2 months later C joins him with Rs 'P/2', 1 month later B also joins him with Rs '3P'. The difference between the profit received by A and C at the end of one year is Rs. 9800. What is the difference between the profit received by B and C?

- | | |
|--------------|--------------|
| A. Rs. 28000 | B. Rs. 30800 |
| C. Rs. 32500 | D. Rs. 36000 |
| E. Rs. 35000 | |

19. A and B start a business. A invests Rs 'X' and B invests Rs 45000. 9 months later A withdraws half the amount. The profit received by A at the end of 1 year is 22.22% less than that of B. What is the value of 'X'?

- | | |
|----------|----------|
| A. 40000 | B. 45000 |
| C. 42000 | D. 48000 |
| E. 36000 | |

20. Siraj and Hiten started a business with investment of Rs. 15000 and Rs. 18000, respectively. After one year, Siraj increased his investment by 10% while Hiten decreased his investment by 10%. At the end of two years, total profit made by the business is Rs. 13140. Find the share of profit of Hiten.

- | | |
|-------------|-------------|
| A. Rs. 6220 | B. Rs. 6840 |
| C. Rs. 6280 | D. Rs. 7480 |
| E. Rs. 6530 | |

21. If a sum of money is to be divided among A, B, C such that A's share is equal to twice B's share and B's share is 4 times C's share then their shares are in the ratio

- | | |
|------------------|--------------|
| A. 1 : 2 : 4 | B. 1 : 4 : 1 |
| C. 8 : 4 : 1 | D. 2 : 4 : 1 |
| E. None of these | |

22. Abhishek started a business investing Rs. 50,000. After one year he invested another Rs. 30,000 and Sudin also joined him with a capital of Rs. 70,000. If the profit earned in three years from the starting of business was Rs. 87,500, then find the share of Sudin in the profit.

- | | |
|------------------|---------------|
| A. Rs. 37,500 | B. Rs. 32,500 |
| C. Rs. 38,281 | D. Rs. 52,500 |
| E. None of these | |

23. A and B are partners in a business. They invest in the ratio of 5 : 6; at the end of 8 months A withdraws. If they receive profits in the ratio of 5 : 9, then find how long B's investment was used.

- | | |
|--------------|--------------|
| A. 12 months | B. 10 months |
| C. 15 months | D. 14 months |
| E. 18 months | |

24. Murli and Manohar start a business together investing Rs. 40000 and Rs. 50000 respectively. Joshi joins them after a certain number of months investing Rs. 60000 in the venture. Everything goes well till Manohar decides to quit before the exactly same number of months as Joshi'd joined the business after. If at the end of the year, they share their profits in the ratio of 16 : 15 : 18, find the number of months given in the reference.

- | | |
|------------------|------|
| A. 8 | B. 4 |
| C. 3 | D. 2 |
| E. None of these | |

25. Ayush and Anshu decided to start a business and they invested Rs. 5500 and 6250 respectively. After 10 months the difference between their profits is Rs 540. Find the total profit.

- | | |
|------------------|-------------|
| A. Rs. 8500 | B. Rs. 8450 |
| C. Rs. 8960 | D. Rs. 8740 |
| E. None of these | |

