

Q1. A sum of money is to be distributed among A, B, C, D in the proportion of 5:2:4:3. If C gets Rs. 1000 more than D, what is B's share?

- A. Rs. 500
- B. Rs. 1500
- C. Rs. 2000
- D. None

Ans - C

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.

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Q2. A and B together have Rs. 1210. If $\frac{4}{15}$ of A's amount is equal to $\frac{2}{5}$ of B's amount, how much amount does B have?

- A. Rs 460
- B. Rs 484
- C. Rs 550
- D. Rs 664

Ans - B

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Q3. A sum of Rs.312 was divided among 100 boys and girls in such a way that the boy gets Rs.3.60 and each girl Rs.2.40 the number of girls is

- A. 35
- B. 40
- C. 45
- D. 50

Ans - B

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.

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Q4. In a mixture 60 litres, the ratio of milk and water 2:1. If this ratio is to be 1:2, then the quantity of water to be further added is:

- A. 20 litres
- B. 30 litres
- C. 40 litres
- D. 60 litres

Ans - D

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Q5. Two numbers are respectively 20% and 50% more than a third number. The ratio of the two numbers is:

- A. 2:5
- B. 3:5
- C. 4:5
- D. 5:4

Ans - C

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Q6. Rs.432 is divided amongst three workers A, B and C such that 8 times A's share is equal to 12 times B's share which is equal to 6 times C's share. How much did A get?

- A. Rs.192
- B. Rs.133
- C. Rs.144
- D. Rs.128

Ans - C

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Q7. If 20 men or 24 women or 40 boys can do a job in 12 days working for 8 hours a day, how many men working with 6 women and 2 boys take to do a job four times as big working for 5 hours a day for 12 days?

- A. 120 men
- B. 122 men
- C. 128 men
- D. 134 men



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Ans - B

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.



Q8. P ,Q and R enter into a partnership with capitals in the ratio 3:2:1. After 4 months, P leaves the business and after 4 more months Q also leaves the business and R continues till the end of the year. If R takes 10% of the profit for managing the business, then what part of the profit does R get?

- A. 37%
- B. 36%
- C. 27%
- D. 30%

Ans - A

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.



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Q9. An outgoing batch of students wants to gift a PA system worth Rs 4,200 to their school. If the teachers, offer to pay 50% more than the students and an external benefactor gives three times the teacher's contribution, then how much should the teachers donate?

- A. Rs 600
- B. Rs 840
- C. Rs 900
- D. Rs 1,200

Ans - C

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.



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Q10. What is mean proportional between 13 and 52?

- A. 32.5
- B. 26
- C. 39
- D. None of these

Ans - B

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.

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Q11. The monthly incomes of A and B are in the ratio 4:5, their expenses are in the ratio 5 : 6. If 'A' saves Rs.25 per month and 'B' saves Rs.50 per month, what are their respective incomes?

- A. Rs.400 and Rs.500
- B. Rs.240 and Rs.300
- C. Rs.320 and Rs.400
- D. Rs.440 and Rs.550

Ans - A

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Q12. IBM and KTC quote for a tender. On the tender opening day, IBM realizes that their quotations are in the ratio 7:4 and hence decreases its price during negotiations to make it Rs 1 Lakh lower than KTC's quoted price. KTC realizes that the final quotes of the two were in the ratio 3:4. What was the price at which IBM won the bid?

- A. Rs 7 Lakh
- B. Rs 4 Lakh
- C. Rs 3 Lakh
- D. Rs 1.5 Lakh

Ans - C

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.



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Q13. There are certain numbers of toys in the box. They are divided into such a way that the person who gets $\frac{1}{4}$ of the whole gets thrice of what the others get on an average. Find the number of people amongst whom the toys are distributed?

- A. 8
- B. 10
- C. 12
- D. 9

Ans - B

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.



Q14. The proportion of milk and water in 3 samples is 2:1, 3:2 and 5:3. A mixture comprising of equal quantities of all 3 samples is made. The proportion of milk and water in the mixture is :

- A. 2:12:1
- B. 5:15:1
- C. 99:6199:61
- D. 227:133

Ans - D

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.



Q15. What is the fourth proportional in 26, 8, and 78?

- A. 26
- B. 37.33
- C. 60
- D. None of the above

Ans - A

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Q16. The ratio of sum of squares of first 'n' natural numbers to square of sum of first 'n' natural numbers is 17:325. The value of n is:

- A. 15
- B. 25
- C. 35
- D. 40

Ans - B

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.

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Q17. Two men, sitting on the dining table. One man has 7 eggs and other had 5 eggs. A third man passing by requested them to share their food in return for money. The three of them shared the eggs equally and the third traveller paid the other two a total of Rs 24. Find the difference between the amounts received by first two men?

- A. Rs 18
- B. Rs 12
- C. Rs 16
- D. Rs 15

Ans - B

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.

Q18. A, B and C play cricket. A's runs are to B's runs and B's runs are to C's as 3:2. They get altogether 342 runs. How many runs did A make?

- A. 162
- B. 108
- C. 72
- D. None

Ans - A

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Q19. The cost of fuel running the engine of an army tank is proportional to the square of the speed and Rs. 64 per hour for a Speed of 16 kmph. Other costs amount to Rs. 400 per hour. The tank has to make a journey of 400 km at a constant speed. The most economical speed for this journey is :

- A. 20 km/hr
- B. 30 km/hr
- C. 35 km/hr
- D. 40 km/hr

Ans - D

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Q20. The cost of fuel running the engine of an army tank is proportional to the square of the speed and Rs. 64 per hour for a Speed of 16 kmph. Other costs amount to Rs. 400 per hour. The tank has to make a journey of 400 km at a constant speed. Out of 20kmph, 30 kmph, 35 kmph, and 40 kmph, which is the most economical speed for this journey? The total cost for the journey at this most economical speed is:

- A. Rs 6,000
- B. Rs 8,000
- C. Rs 10,000
- D. Rs 11,000

Ans - B

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