**Trains**

1. **Single Train problems questions:**  
   A train which is 200m long is running at the speed of 60 km/hr. Find the time taken to pass a man standing at the railway station? 12 sec
2. **Single train + Platform problems questions:**  
   When a train is moving with a speed of 66 km/hr .If the length of train is 55 meters.  How much time it takes to cross a 100 meters platform? 93/11 sec
3. **Single train + man in opposite direction problems questions:**  
   A train which is a length of 110 meters travelling with a speed of 60 kmph. In what time it passes the man who is running with 6 kmph in opposite direction? 6 sec
4. **Single train + man in same direction problems questions.**

You can take same above question for this, But man is in same direction instead of opposite direction. ?22/3 sec

1. **Two trains + opposite direction problems questions:**  
   Two trains with different lengths, one is 137 meters and second is 163 meters are running towards each other. The speeds are also different that is one with a speed of 42 kmph and second is 48 kmph. In what time that two trains are crossed each other. ?12 sec
2. **Two trains + same direction problems questions:**  
    You can take same above question for this, But the two trains are in same direction instead of opposite direction?. 135 sec
3. A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train? 150 m
   1. 120 metres
   2. 180 metres
   3. 324 metres
   4. 150 metres
4. A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform? 240m
   1. 120 m
   2. 240 m
   3. 300 m
   4. None of these
5. A train 240 m long passes a pole in 24 seconds. How long will it take to pass a platform 650 m long?89 sec
   1. 65 sec
   2. 89 sec
   3. 100 sec
   4. 150 sec
6. A train 110 metres long is running with a speed of 60 kmph. In what time will it pass a man who is running at 6 kmph in the direction opposite to that in which the train is going?6 sec
   1. 5 sec
   2. 6 sec
   3. 7 sec
   4. 10 sec

**Average**

1. **There are two rooms in a flat namely ‘x’ and ‘y’ consisting of 22 and 24 members respectively. The average weight of room ‘x’ is 20 kg and room ‘y’ is 25 kg. find the average weight of whole flat.? 22.60**
2. **If the average of 3, 8, 7, x is 5 and the average of 16, 2, 7, x, y is 20. Find out the value of y? 73**
3. **There are 25 numbers, the average of 25 numbers is 18. In that 25 numbers the average of first 12 numbers of them is 14 and the average of last 12 numbers of them is 17. Then find the middle (13th) number?78**
4. **A cricketer Sourav Ganguly has a certain average of 10 innings. In the 11th innings Sourav Ganguly scored 108 runs. Then the average of saurav Ganguly increased by 6 runs. Now the new average of Sourav Ganguly is? 42**
5. In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs? 6.25
6. The average of 20 numbers is zero. Of them, at the most, how many may be greater than zero? 19
7. The average age of husband, wife and their child 3 years ago was 27 years and that of wife and the child 5 years ago was 20 years. The present age of the husband is: 40
8. A car owner buys petrol at Rs.7.50, Rs. 8 and Rs. 8.50 per litre for three successive years. What approximately is the average cost per litre of petrol if he spends Rs. 4000 each year? 7.98
9. A library has an average of 510 visitors on Sundays and 240 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is: 285
10. The average monthly income of P and Q is Rs. 5050. The average monthly income of Q and R is Rs. 6250 and the average monthly income of P and R is Rs. 5200. The monthly income of P is: 4000

**Men Work Time**

1. If A can finish a work in 2 days, B can finish the work in 3 days, then How many days together takes to finish the work? 6/5
2. A can do the work in 20 days, B can do the same work in 30 days. A,B and C together completed work in 10 days. In how many days C alone can do the work? 60
3. A and B together can complete a work in 12 hours. B and C together can complete a same work in 15 hours. C and A together can complete a same work in 20 hours. In how many hours A & B & C together complete the work?10
4. A and B together can complete a work in 12 hours. B and C together can complete a same work in 15 hours. C and A together can complete a same work in 20 hours. In How many hours B alone complete the task? 20
5. P can do a work in 12 hours and Q can do the same work in 18 hours. P started the work and Q joined the work after 6 hours. How much time in all they take to complete the work? 9hrs 36 mins
6. Suresh can do work in 24 days and Naresh can do the same work in 40 days. Suresh started the work and Naresh replaced him after 12 days. In how many days from the beginning 75% of the work will be completed? 22 days

Ages

1. **Venkat’s age after 10 years will be 6 times his age 5 years back. What is the present age of Venkat? 8**
2. **The ratio of Geetha and nanditha is 2:5 after 8 years , their ages in the ratio of 1:2. Find the difference in their present ages?24**
3. **Dhoni is younger than Sehwag by 6 years. If the ratio of their ages is 7:10, find the age of Dhoni? 14**
4. **The sum of ages of 5 children born at the intervals of 3 years each is 50 years. Find out the age of the youngest child? 4**
5. **A father said his son , " I was as old as you are at present at the time of your birth. " If the father age is 38 now, the son age 5 years back was ..14**.
6. A man is 24 years older than his son. In two years, his age will be twice the age of his son. The present age of his son is: 22
7. Six years ago, the ratio of the ages of Kunal and Sagar was 6 : 5. Four years hence, the ratio of their ages will be 11 : 10. What is Sagar's age at present? 16
8. Ayesha's father was 38 years of age when she was born while her mother was 36 years old when her brother four years younger to her was born. What is the difference between the ages of her parents?6
9. A person's present age is two-fifth of the age of his mother. After 8 years, he will be one-half of the age of his mother. How old is the mother at present?40
10. The age of father 10 years ago was thrice the age of his son. Ten years hence, father's age will be twice that of his son. The ratio of their present ages is: 7:3