Percentage Set (5)

1. A football team won 10 games from the total they played. This was 40% of the total. How many games were played in all?

2. If Akash ha Rs. 600 left after spending 75% of her money. How much did she have in the beginning?

3. In a common Medicine 78.8% is Alcohol, 3.3% is menthe oil, 0.07% is spearmint oil and 0.177% is chloroform. How much of each of these compounds is there in a pack of 30 ml.

4. Malvika gets 98 marks in her exams. This amounts to 56% of the total marks. What are the maximum marks?

5. Krishna spends 30% of his salary on food and donates 3% of his salary in a temple. In a particular month, he spends Rs 231 on these two items. What is his total salary for this month?

6. Anushree has to pay 4% sale tax in addition to the price of a certain article. Find the price of the article if she paid Ts. 2.60 in all.

7. A man loss 20% of his money. After spending 25% of the remaining, he has Rs. 480.00 left. How much money did he originally have?

8. Rani's weight is 25% that of Meena's and 40% that of Tara's. What percentage of Meena's weight of Tara's weight is?

9. Rishi requires 40% to pass. If he gets 185 marks and fails by 15 marks. What is the maximum marks he could have got?

10. The value of a machine decreases every year by 10%. what will be its value after 2 years if its present price is Rs. 50,000?

11. The population of a town increased by 6% every year. If the present population is 15900. Find the population a year ago.

12. The price of sugar goes up by 20%. By how much percentage must a house wife reduce her consumption so that the expenditure does not increase.

13. The salary of an officer has been increased by 50%. By what percent the new salary must be reduced to restore the original salary?

14. A number is increased by 10% and then it is decreased by 10%. Find net increase or decrease percentage.

15. If 60% people in a city like cricket, 30% like football, and remaining like other games. What percentage like other games? If the total number of people is 56 lakhs, find the exact number who like each type of game.

Answer

1) 25
2) Rs. 2400
3) 23.64ml, 0.021 ml, 0.0531 ml
4) 175
5) Rs. 700
6) Rs.2.50
7) Rs. 800
8) 160%
9) 500
10) Rs. 40,500
11) 15000
12) $16\frac{2}{3}$ %
13) $33\frac{1}{3}$ %
14) 1% decrease
15) Cricket 33,60,000; Football 16,80,000; Other 5,60,000