

Subject: - Mathematics

PRACTICE PAPER

CBSE-8th

Topic: - Percentage & Its Applications

Q.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? **Ans. 25 games.**

Q.2. 78.8% of a common medicine for stomach up-sets is absolute; 3.3% of it is mentha oil; 0.07% spearmint oil and 0.177% chloroform. How much of each of these compounds is there in a pack of 30 ml? **Ans. 0.531 ml**

Q.3. Kishan 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? **Ans. 700 Rs.**

Q.4. A man loses 20% of his money. After spending 25% of the remainder, he has Rs. 480.00 left. How much money did he originally have? **Ans. 800 Rs.**

Q.5. Rani's weight is 25% that of Meena's and 40% that of Tara's. What % of Tara's weight is Meena's weight? **Ans. 160% of Tara's weight**

Q.6. The salary of an officer has been increased by 50%. By what % the new salary must be reduced to restore the original salary? **Ans. $33\frac{1}{3}\%$**

Q.7. A certain school has 300 students, 142 of whom are boys. It has 30 teachers, 12 of whom are men. What % of the total no. of students and teachers in the school is female? **Ans. $\frac{160}{3}\%$**

Q.8. In the new budget, the price of petrol rose by 10%. By how much percent must one reduce the consumption so that the expenditure does not increase? **Ans. $9\frac{1}{11}\%$**

Q.9. Rs. 3500 is to be shared among the people so that the first person gets 50% of the second, who in turn gets 50% of the third. How much will each of them get? **Ans. 500, 1000, 2000.**

Q.10. Shikha's income is 60% more than that of Shalu. What % is Shalu's income less than Shikha's? **Ans. 37.5%**