

1. In a school 45% of students are girls. If there are 220 boys. What is the total number of students?
2. A shirt costs ₹ 300 and sold for ₹ 260, what is its gain or loss percent?
3. If the cost of 24 books is ₹ 180, what is the cost of 13 books.
4. Total score of two cricketers  $A$  and  $B$  is 85 runs. If their score was in the ratio of 9:8, how many runs  $A$  scored.
5. Seven bags of fertilizer weigh 560kg. What is the weight of 4 bags?
6. If first three terms of proportion are 15, 20, 30 what is the fourth proportional?
7. The selling price of an article is  $\frac{3}{4}$  of its cost price. What is the loss percent?
8. The length of two ribbons are in the ratio of 7: 10. If the longer ribbon is 150cm. What is the length of shorter ribbon?
9. The ratio of length of a flower bed to its width is 4: 7 and its perimeter is 330cm. What are the dimension of the flower bed?
10. Out of 45 students, 9 are absent. What percent of the students are absent?
11. Cost of a pen is ₹ 25. It was sold with a profit of 12%. What is its selling price?
12. I invested ₹ 10,000 at 5% interest rate per annum. What will be the interest at the end of 2 years?
13. In how many years the amount will be four times the principal if rate of interest is 10 %?
14. Population of a village increase by 10% every year. If it was 400 in year 2001, what will be the population in 2003?
15. Ratio of men and women passenger in an aeroplane is 4: 6. What is the percentage of men in the aeroplane?
16. Pile of 200 newspapers is 60cm thick. What will be the thickness of 150 newspapers?
17. If  $x\%$  of 350 is 21, then the value of  $x$  is
18. A father and son are 50yrs and 20yrs old, respectively. What is the ratio of father's age to his son's age when son was 10 yrs old.
19. If the cost of 10 metre cloth is ₹ 42. How much cloth can be bought for ₹ 21 ?
20. In what time will? 150 double it self at 4% simple interest?
21. A T.V. set is bought for ₹ 12,000 and sold at a profit of 10% what is its selling price.
22. Rohini bought 3 dozen bananas. If 15 bananas were rotten, what is the ratio of good bananas to rotten bananas?
23. In a fruit basket 35% are apples, 25% are oranges and remaining are bananas. Find the % of bananas?
24. What is the interest if principal = ₹ 1000, Rate = 5% p.a. and time = 3 years?