

Directions for questions 1 to 9: Find the value.

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|-----------------|------------------|------------------|-----------------|
| 1. 56% of 850   | 2. 72% of 1875   | 3. 24% of 675    | 4. 12.5% of 888 |
| 5. 7.69% of 858 | 6. 37.5% of 1080 | 7. 44.44% of 189 | 8. 15% of 480   |
| 9. 36% of 25    |                  |                  |                 |

10. What percent of 176 is 16?
11. By what percent 140 is more than 90?
12. By what percent 350 is less than 500?
13. By what percent 40% of 600 is less than 60% of 900?
14. 80% of a small number is 4 less than 40% of a larger number. Sum of two numbers is 355. Find the difference between the two numbers.
15. In an exam, Ayesha scored 36% marks and failed by 36 marks. Bano scored 32% marks in the same exam and failed by 60 marks. If Sabina topped the exam by scoring 88% marks, how many marks she scored more than passing marks?
16. Suyash scored 30% more marks in Test 2 compared to test 1. If he scored 78 marks in test 2, how many marks he scored in test 1?
17. Ram has to pay 48% of the money in his wallet to milkman. He pays ₹204/- to the milkman. How much money does he have in the wallet?
18. A earns 25% more than B. C earns 25% more than A. A earns 20% more than D. E earns 20% more than A. A, B, C, D, and E earn integer amounts less than ₹100. What is the total amount earned by all five of them put together?
19. Two candidates contested an election. The losing candidate got 48% votes and lost by 2440 votes. Find the total number of votes cast.
20. A teacher says, 35% of first number is equal to 49% of the second number. So, 25% of first number will be what percent of second number?
21. Discussing about grocery rates with her husband, a wife says, Rice is 12% cheaper than wheat. How much per cent is the price of wheat more than that of rice?
22. For the sale season, a mall first increased the rate of its products by 15% and then offered a discount of 10%. What is the change in the rate of products in comparison to the original?
23. In a group of people, 48% of the members are young while the rest are old. If 65% of the members are literates, and 45% of the literates are young, then the percentage of old people among the illiterates is:
24. Salary of a person is increased by 8% first and then decreased by 3%. What is the overall percent increase in his salary?
25. Price of mobile increased by 10% successively from 2020 to 2022. If the mobile costs ₹54450 in 2022, what was its cost in 2020?

26. It costs ₹2 to photocopy a sheet of paper. However, 40% discount is allowed on all photocopies done after the first 1000 sheets. If 6000 sheets are to be photocopied, what will be the overall discount obtained compared to standard rate of photocopying all sheets?

27. The monthly finance tracker of a person reads as below:

Item	Expenses from income
Food	35%
House rent	20%
Travel	12%
Education	28%

If he saves ₹3200 in a month, find the amount he spent on travel that month.

28. Rakesh buys goods worth ₹7500. He gets a rebate of 8% on it. After getting the rebate, he pays sales tax at 10%. Find the amount he will have to pay for the goods.

29. If the price of a commodity be raised by 20%, find by how much per cent must a householder reduce his consumption of that commodity so as not to increase his expenditure?

30. Anand has won 60% of the 20 games he has played so far in the tournament. If his aim is to win 80% of total games played, how many consecutive games he should win from now on in order to achieve his aim as early as possible?

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