

## Percentage Set (3)

1. What is the value of three fourth of sixty percent of 480?
2. Rahul bought a bike at 15% discount on MRP. After 1 year he sold the bike to Gopal at 10% loss. After 1 more year Gopal sold it at 15% profit to Sumit. If Sumit Paid Rs. 140000 then find the MRP of the bike?
3. The ratio between two numbers is 3:5. If the smallest number is increased by 20% and the biggest is decreased by 25%, the new ratio of numbers (Small: Big) is how much?
4. A man invested 20% of his monthly income in LIC and remaining gave to his mother. Mother spend 15% of it in household expenses she was left with Rs. 27200 then find the salary of man?
5. In a class of 240 students, each student got sweets that are 15% of the total number of students. How many sweets are there?
6. Number of Students in 4th and 5th class are in the ratio of 6:11. 40% in class 4 are girls and 48% in class 5 are girls. what are the percentage of students in both classes are boys?
7. In an examination out of 480 students, 85% of the girls and 70% of the boys have passed. How many boys appeared in the examination, if total pass percentage was 75%.
8. Sujata scored 2240 marks in an exam that is 128 marks more than the minimum passing percentage of 64%. What is the percentage of marks obtaining my Meena if she scored 907 marks less than Sujata?
9. It is required to get 40% marks to pass an examination. A candidate scored 200 marks and failed by 8 marks. What is the maximum marks of that exam?
10. Bina's Monthly income is 90% of Anita's monthly income. The total income of both their monthly income is Mr. Sen's monthly income. Mr. Sen's annual income is Rs. 7,75,200. What is Bina's Monthly income?
11. Five ninths of a number is equal to twenty-five percentage of the second number. The second number is equal to one fourth of the third number. The value of the third number is 2960. What is 30% of the first number.
12. Ram spends 50% of his monthly income on household items, 20% on his monthly income on buying cloths, 5% of his monthly income on medicines and saves remaining Rs. 11250. What is Ram's monthly income?
13. A man loss 20% of his money. After spending 25% of the remaining, he has Rs. 480 left. What is the amount of money he originally had?
14. An article was sold at a discount of 30% at Rs.1120. if the article was sold at discount of Rs. 399 in place of 30% discount. Then find the selling price of article.
15. Groundnut is now being sold at Rs. 27 per kg. During last month its cost was Rs. 24 per kg. Find by how much % a family should reduce its consumption, so as to keep the expenditure same.

### Answer

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|---------------|-----------------------|
| 1) 216        | 7) 320                |
| 2) Rs. 159000 | 8) 40                 |
| 3) 24:25      | 9) Rs.520             |
| 4) Rs.40000   | 10) Rs. 30600         |
| 5) Rs. 8640   | 11) 99.9              |
| 6) 54.8%      | 12) Rs. 45000         |
|               | 13) Rs. 800           |
|               | 14) Rs. 1201          |
|               | 15) $11\frac{1}{9}\%$ |