

TEST
PERCENTAGE

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- 1) If 20% of a number is 120 what will be the 120% of the same number.
- 2) If 8% of x is equal to the 4% of y what will be the 20% of the x .
- 3) A student multiplied a number by $\frac{3}{5}$ instead of $\frac{5}{3}$. Find the error percentage in his answer.
- 4) Income of C is 20% more than that of B and income of B is 25% more than that of A . Find by what percentage income of C is more than that of A .
- 5) If there are 972 girls in a school & 60% of the total students are boys. Find how many boys are there in the school.
- 6) A person spends $66\frac{2}{3}\%$ of his income and saves 1200 Rs. Find his monthly expenditure.
- 7) 80% of A is equal to 56% of B and B is equal to $x\%$ of A . Find the value of x .

8.) If 15% of $(A+B)$ is equal to 25% of $(A-B)$, how much percentage of B is equal to A .

9.) If x is 10% smaller than y and y is 10% more than a number 125 . Find the value of x .

10.) Two numbers are respectively 25% and 20% less than a third number. First number is what percent of the second number.

11.) 18% of which number is equal to the 12% of 75 .

12.) 50% of P is equal to 25% of Q and $x\%$ of Q is equal to P . Find the value of x .

13.) 0.01 is what percent of 0.1

14.) P is 6 times more than Q . Find Q is how much percent less than P .

15.) 65 grams is what percent of 2 kilograms

16.) If $y\%$ of one hour is equal to 1 minute and 12 seconds. Find the value of y .

17.7 31% employees paid tax in year 2008.

If there are 20700 non-taxpayers.
Find the total number of employees

18.7 A team played 40 games and won 24.
find winning percentage of the team.

19.7 Salary of a person reaches to 24000 after an increase of 20%. Find the initial salary of that person.

20.7 There are two candidates in an election. Winner gets 52% of the total votes & wins by 42000 votes. Find the total number of votes.

21.7 Price of a certain object was reduced by 25%. Now by what percent price be increased so as to get the initial price level

22.7 Price of a machine is Rs. 6250. first year there is a decrease of 10% which is followed by a decreases of 20% and 30% in the following two years. What will be the price of machine after 3 years

23.7 Sugar price increased by 20%. By what percent its consumption be reduced so as to keep the expenditure of the sugar at the previous level.

24.7 If numerator of a fractions is increased by 20% and denominator is decreased by 5%, one gets a new fraction $\frac{5}{2}$. Find the initial fraction.

25.7 Numerator of a fractions is increased by 20% while the denominator is decreased by 20%, as a result one gets a fraction $\frac{4}{5}$. Find the original fraction.

26.7 Income of A is 10% more than that of B. If income of B is $x\%$ less than that of A what will be the value of x .

27.7 Income of Ram is $12\frac{1}{2}\%$ more than of Shyam. By what percent income of Shyam is less than that of Ram.

28.7 Price of a book is first decreased by 25% and then increased by 20%. Find the change percent in the price of book.