

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  $x$

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

9.7 If  $x$  is 10% smaller than  $y$  and  $y$  is 10% more than a number 125, Find the value of  $x$ .

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

11.7 18% of which number is equal to the 12% of 75.

12.7 50% of  $P$  is equal to 25% of  $Q$ , and  $x\%$  of  $Q$  is equal to  $P$ . Find the value of  $x$

13.7 0.01 is what percent of 0.1

14.7  $P$  is 6 times more than  $Q$ . Find  $Q$  is how much percent less than  $P$ .

15.7 65 grams is what percent of 2 kilograms

16.7 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

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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 fraction 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 fraction 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.