





WBCS MAINS 2022



MATHS

PERCENTAGE



LIVE 06:00 PM  15 JULY 2022

Table of Fraction

$$\frac{1}{2} = 50 \%$$

$$\frac{1}{3} = 33.33 \%$$

$$\frac{1}{5} = 20 \%$$

$$\frac{1}{7} = 14.28 \%$$

$$\frac{1}{9} = 11.11 \%$$

$$\frac{1}{13} = 7.7 \%$$

$$\frac{1}{4} = 25 \%$$

$$\frac{1}{6} = 16.67 \%$$

$$\frac{1}{10} = 10 \%$$

$$\frac{1}{14} = 7.14 \%$$

$$\frac{1}{11} = 9.09 \%$$

$$\frac{1}{17} = 5.88 \%$$

$$\frac{1}{8} = 12.5 \%$$

$$\frac{1}{12} = 8.33 \%$$

$$\frac{1}{20} = 5 \%$$

$$\frac{1}{18} = 5.55 \%$$

$$\frac{1}{19} = 5.26 \%$$

$$\frac{1}{16} = 6.25 \%$$

$$\frac{1}{24} = 4.16 \%$$

$$\frac{1}{25} = 4 \%$$

$$\frac{1}{22} = 4.54 \%$$

$$\frac{1}{23} = 4.34 \%$$

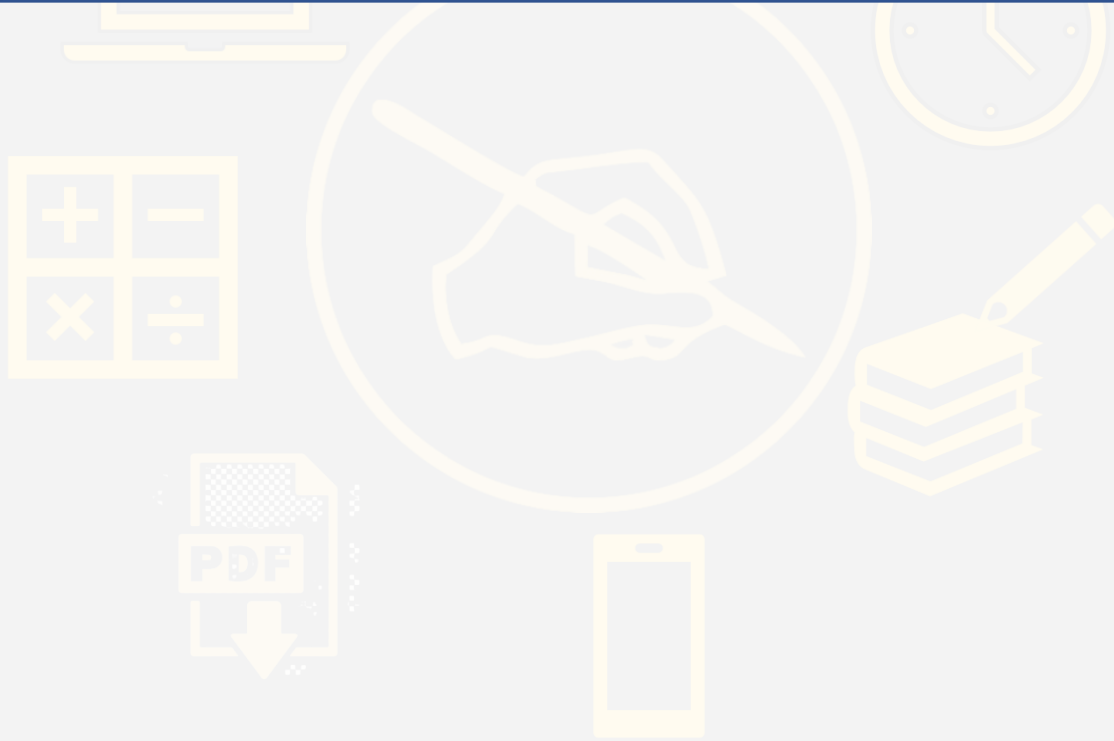
1. A number is by mistake divided by 10 instead of being multiplied by 10. find out the percentage error in the result ?



2. If the price of sugar increases by 20% and the expenditure also increases by 10% then by how much percent the consumption will change ?



3. In a class of 60 students, 40% can speak only Hindi, 25% can speak only English and rest of the students can speak both the languages. How many students can speak English ?



4. A number is multiplied by $\frac{6}{5}$ instead of $\frac{5}{6}$ find out the percentage error in the result ?



5. If 10% of A's income = 15% of B's income = 20% of C's income, if the sum of their income is Rs.7800 then find B's income ?



6. The income and expenditure ratio of a person is 12:7. If the income increases by 8.33% and the savings will increase by 40% then by how much percent the expenditure will change?



7. A company gives 13% commission to his salesman on the total Sales but if the company offers him a fixed salary of Rs. 10000 and only 3% commission on the total sales then the salesman gets Rs. 560 more. Find the total sales ?



8. In a container having salt and water solution the concentration of salt is 25%. If 9 litres of water is added, then the concentration becomes 20%. Find the initial quantity of the mixture ?



