

Lesson : 9**I. Fill in the blanks**

1. Percent means _____.
2. The term percent comes from the Latin words _____ which means _____.
3. The symbol for percentage is _____.
4. To express a fraction as percentage convert it into an equivalent fraction with denominator.
5. $\frac{80}{100} = \text{_____} \%$
6. $\frac{2}{100} = \text{_____} \%$
7. $\frac{125}{100} = \text{_____} \%$
8. If the denominator of a fraction is 100 then the numerator gives _____ equivalent to the fraction.
9. A given percentage may be expressed as a fraction by dividing the no. of percentage by _____.
10. In a decimal fraction is we shift the decimal point _____ places to the right, we get the percentage.
11. $0.02 = \text{_____} \%$
12. $1.25 = \text{_____} \%$
13. 100% of Rs. 25 = _____
14. 50% of 100 = _____

II. Convert these fractions into percentage

1. $\frac{1}{2}$
2. $\frac{1}{4}$
3. $\frac{3}{5}$
4. $\frac{7}{10}$
5. $\frac{15}{20}$
6. $\frac{4}{25}$

III. Express these percentage as fractions (in the lowest form)

1. 20%
2. 75%
3. 25%
4. 45%
5. $12\frac{1}{2}\%$
6. $6\frac{1}{4}\%$
7. 120%
8. $33\frac{1}{3}\%$

IV. Express these as decimals

1. 6%
2. 25%
3. 1%
4. $4\frac{1}{2}\%$
5. 125%
6. $33\frac{1}{2}\%$

V. Express as percents

1. 0.05
2. 0.75
3. 6.5
4. 3.5
5. 0.056

6. 0.025

VI. Find the value of each of the following :

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|-----------------|--------------------|----------------------------|
| 1. 5% of 100 | 2. 90% of 1000 | 3. $3\frac{1}{5}$ % of 500 |
| 4. 5% of Rs. 90 | 5. 250% of Rs. 80 | 6. 30% of 20 Kg |
| 7. 10% of 100 g | 8. 40% of 50 marks | 9. 12.5% of 24 ml |

VII. Which of the two is more :

1. 10% of 50 or 50% of 8
2. 30% of 200 or 25% of 300

- VIII.**
1. Rom got 60 out of 80 in English. Find the percentage of marks he got in the two subjects. Which mark is better ?
 2. In a class of 80 students, 30% are girls. Find the number of boys.
 3. There are 1500 students in a school 80% of the total students are present in the school. How many students are absent on that day?
 4. Anant got 17 out of 20 marks in a test. What percentage of marks did he get?
 5. Out of 40 eggs 8 were damaged. What percentage of eggs were good?
 6. Arun scored 80% of marks in a test which had 15 questions carry equal marks. How many questions did he answer correctly?
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