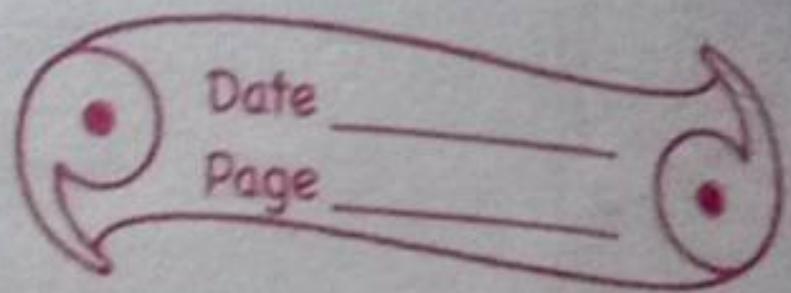


CHAPTER - 13

Percentage



Worksheet

1. Fill in the blanks \rightarrow

- the symbol of percentage is $\%$
- The "cent" means hundred
- $\frac{63}{100}$ is same as 63%
- $\frac{18}{25} = 72\%$

2. Express each of the following in percent.

① $\frac{3}{5} = \frac{3}{5} \times \frac{20}{100} = 60\%$

② $1.073 = \frac{1073}{1000} \times 100$
 $= \frac{1073}{10}$
 $= 107.3\%$

3. Express in percent :-

@ 12 out of 25 = $\frac{12}{25} \times 100 = 48\%$

b) 47 cm of 2m = 47 cm of 200

$$\frac{47}{200} \times 100 = \frac{47}{2} = 23\frac{1}{2} = 23.5\%$$

4. Solve the word problems :-

@ If the total pages of mathematics book is
= 213

Finished page till now = 114

$$\text{Percentage completed} = \frac{114}{213} \times 100$$

$$= 0.535 \times 100$$

$$= 53.5\%$$

So, percentage completed is 53.5%.

b. Aditi get pocket money ₹ 950
She saves money 33%.

$$33\% \text{ of } 950 = \frac{33}{100} \times 950 = \frac{33 \times 950}{100} = \frac{31350}{100} = ₹ 313.5$$

So, She save ₹ 313.5