

## Chapter- 13

## Percentage

## WORKSHEET

## 1. Fill in the blanks :

a. The symbol of percentage is  $\%$ .b. The "cent" means  $100$ .c.  $\frac{63}{100}$  is same as  $0.63$ .d. 0.34 in percent form can be written as  $\frac{34}{100} = 34\%$ .e.  $\frac{18}{25} = 72\%$ .

## 2. Express each of the following in percent

a.  $\frac{3}{5}$

Ans.  $\frac{3}{5} \times 100 = 60\%$

Ans. = 60%

b. 1.073

Ans.  $\frac{1073}{1000} \times 100 = 107.3\%$

## 3. Express in percent

a. 12 out of 25

Ans.  $\frac{12}{25} \times 100 = 48\%$

b. 47 cm of 2 m

Ans.

$$\frac{47}{2} \times 100 = 2350\%$$

## 4. Solve the word problems.

- a. If the total pages of your mathematics book is 213 and till now you have finished page 114. What is the percentage you have completed?

Ans.

The total pages of the mathematics book = 213

Number of pages completed = 114.

The percentage of completed book =

$$\frac{114}{213} \times 100 = 53.52\%$$

- b. Aditi saves 33% of her pocket money. She gets ₹950 as her pocket money. Find the amount she saves.

Ans.

The total pocket money Aditi gets = ₹950

The total amount Aditi saves = ₹ 33%.

Total amount she saves =

$$\overset{95}{950} \times \frac{33}{100} = 313.5$$