

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 63 %.

d. 0.34 in percent form can be written as 34 %.

e. $\frac{18}{25} =$ 72 %.

2. Express each of the following in percent

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

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

b. 1.073

Ans. $1.073 \times 100 = 107.3\%$

3. Express in percent

a. 12 out of 25

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

b. 47 cm of 2 m

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

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. Total pages of math book = 213

Total pages of math book finished = 114

The percentage of math book I have completed = $\frac{114}{213} \times 100 = 53\frac{37}{213}\%$

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

Ans. Percentage of money Aditi had - 33%

Amount of money she gets ₹950

$$\begin{aligned} \text{The amount of money she saves} &= \frac{33}{100} \times 950 \\ &= \frac{627}{2} = 313\frac{1}{2} \text{ ₹} \end{aligned}$$
