

CHAPTER: 13 PERCENTAGE WORKSHEET.

NO. 1. a Fill in the blanks :

a. The symbol of percentage is % .

b. The "cent" means hundred .

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

c. $\frac{63}{100}$ is same as 0.63 .

e. $\frac{18}{25} = \frac{18}{25} \times \frac{4}{4} \times 100 = \underline{72\%}$.

NO. 2 Express each of the following in percent .

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

b. $1.073 = \frac{1073}{1000} = \frac{1073}{1000} \times 100 = \frac{1073}{10} = \underline{107.3\%}$

NO. 3. Express in percent .

a. 12 out of 25 .

A. $\Rightarrow \frac{12}{25} = \frac{12}{25} \times 100 = \underline{48\%}$

b. 47 cm of 2 m

A. $\Rightarrow \frac{47 \text{ cm}}{2 \text{ m}} = \frac{47 \text{ cm}}{2 \text{ m} \times 100 \text{ cm}} = \frac{47 \text{ cm}}{200 \text{ cm}} = \frac{47}{200} \times 100 = \frac{47}{2} = \underline{23.5\%}$

Answer is 47 cm of 2 m is 23.5% .

NO. 4. Solve the word problem .

a. If the total pages of your mathematics book is = 213

You have finished page 114 .

The percentage you have completed from the book

is = $\frac{114}{213} \times 100 = \frac{11,400}{213} = \underline{53.52\%}$ (Ans)

No:4 b. Aditi saves 33% of her pocket money. She gets ₹ 950 as her pocket money. Find the amount she saves.

$$A. \quad \frac{33}{100} \times \frac{15}{2} \times 950 = \frac{33}{2} \times 15 = \frac{495}{2} = ₹ 247.5$$

∴ Hence Aditi saves 33% of her pocket money that is ₹ 247.5.