

Chapter - 13

Percentage WORKSHEET

Date _____

Page _____

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STD - V

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1. Fill in the blanks.

a. The symbol of percentage is %.

b. The "cent" means hundred.

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

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- $\frac{1.073}{100} = 0.01073\%$

3. Express in percent

a. 12 out of 25

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

b. 47 cm of 2 m

Ans- $\frac{47}{200} \times 100\% = \frac{47}{2} = 23.5\%$

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 number of pages = 213

Number of pages read = 114

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

$$\begin{array}{r} 0.5211 \\ 71 \overline{) 380} \\ \underline{355} \end{array}$$

$$260$$

$$142$$

$$80$$

$$71$$

$$90$$

$$71$$

$$9$$

$$= \frac{38}{71} = 0.5211$$

$$= 0.5211 \times 100$$

$$= 52.11$$

$$= 52.11$$

So, the percentage of pages completed is 52.11%.

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

Ans. Percentage of money she saves = 33%
 Amount of money she gets as her pocket money = ₹950
 Amount of money she saves = 33% of 950

$$= \frac{33}{100} \times 950 = 627$$

$$= \frac{627}{2} = 313.5$$

So, she saves ₹313.5 of her pocket money.

Rough	
	313.5
2	627
	6 ↓
	02
	2 ↓
	07
	6
	10

End