

**MONTH : NOVEMBER**

**SESSION : 10**

**CLASS : V**

**SUBJECT : MATHEMATICS**

**CHAPTER NUMBER: 13**

**CHAPTER NAME : PERCENTAGE**

**SUB-TOPIC : TO FIND PERCENTAGE OF A GIVEN QUANTITY.**

**EXERCISE 13 B Q.NO. 1 & 2**

**CHANGING YOUR TOMORROW**

## LEARNING OBJECTIVE :

### **Enable the students**

- To find the percentage of a given quantity.

# PERCENTAGE

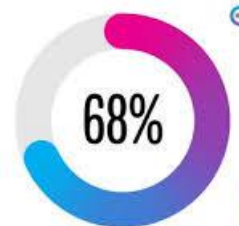
To find the percentage :

1. Convert the percentage as fractions.
2. Then multiply the given quantity.

**Example: Find the 35% of 700**

$$\frac{35}{100} \times 700 = 245$$

Converted to fraction



# PERCENTAGE

## EXERCISE 13 B

I. Find

$$\text{a. } 35\% \text{ of } 700 = \frac{35}{100} \times \overset{7}{\cancel{700}} = \mathbf{245}$$

$$\text{b. } 19\% \text{ of } 600 = \frac{19}{100} \times \overset{6}{\cancel{600}} = \mathbf{114}$$

$$\text{c. } 21\% \text{ of ₹}1800 = \frac{21}{100} \times \overset{18}{\cancel{1800}} = \mathbf{₹ 378}$$

$$\text{d. } 16\frac{2}{3}\% \text{ of ₹}3000 = \frac{\cancel{50}}{\cancel{3}} \times \frac{1}{\cancel{100}} \times \overset{500}{\cancel{3000}} = \mathbf{₹ 500}$$



# PERCENTAGE

## EXERCISE 13 B

### 2. Express

a. 15 paise as percentage of ₹ 1 =  $\frac{15}{100} \times 100 = 15\%$

b. 20 as percentage of 25 =  $\frac{20}{25} \times 100 = 80\%$

c. 6cm as percentage of 1 m =  $\frac{6}{100} \times 100 = 6\%$

d. 5 cm as percentage of 2 m =  $\frac{5}{200} \times 100 = 2\frac{1}{2}\%$



# PERCENTAGE

## EXERCISE 13 B

### 2. Express

$$\text{e. } 12 \text{ g as percentage of } 500 \text{ g} = \frac{12}{\cancel{500}} \times \cancel{100} = 2\frac{2}{5}\%$$

$$\text{f. } 10 \text{ L as percentage of } 15 \text{ L} = \frac{10}{\cancel{15}} \times \frac{20}{\cancel{100}} = \frac{200}{3} = 66\frac{2}{3}\%$$





- **Complete exercise 13 B Q.No. 1 & 2 in the note book.**

The logo for 'Learning Outcomes' features the words 'Learning' and 'Outcomes' in a large, bold, black font with a yellow outline. Above the letter 'i' in 'Learning' is a small red apple with a green leaf. To the left of the word 'Outcomes' is a blue graduation cap with a tassel.

# Learning Outcomes

**Students are able to:**

- **Find the percentage of a given quality.**



**THANKING YOU**  
**ODM EDUCATIONAL GROUP**