

Exercise 13(B)

Date _____

Page _____

1. Find

b. 19% of 600

$$= \frac{19}{100} \times 600 = 114$$

c. 21% of ₹ 1800

$$= \frac{21}{100} \times 1800 = ₹ 378$$

d. $16\frac{2}{3}\%$ of ₹ 3000 = $\frac{50}{3} \times \frac{1}{100} \times \frac{1000}{3000} = ₹ 500$

2. Express = ₹ 500

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. 6 cm as a percentage of 1m.

$$\frac{6}{100} \times 100 = 6\%$$

d. 5 cm as a percentage of 2m.

$$\frac{5}{200} \times 100 = 2\frac{1}{2}\%$$

e. 12 g as a percentage of 500g

$$= \frac{12}{500} \times 100 = 2\frac{2}{5}\%$$

f. 10L as a percentage of 15L

$$\frac{10}{15} \times 100 = \frac{200}{3} = 66\frac{2}{3}\%$$

18/11/21

Exercise 13(B)

1. Find

e. 24% of 60 litres

$$= \frac{24}{100} \times 60 = 14.4 \text{ l}$$

f. 45% of 900 metres

$$= \frac{45}{100} \times 900 = 405 \text{ m}$$

g. 80% of ~~1200~~ = ~~960~~

$$\frac{80}{100} \times 1200 = 960$$

h. $37\frac{1}{2}\%$ of 140 kg

~~$\frac{350}{500} \times 100 = \frac{550}{550} = 100\%$~~

$$\frac{15}{75} \times \frac{1}{100} \times 140 = \frac{105}{2} = 52.5 \text{ kg}$$

i. 140% of ₹ 1500

$$\frac{140}{100} \times 1500 = ₹ 2100$$

2. Express

g. 350 m as a percentage of 35 km

$$\frac{350}{3500} \times 100 = \frac{350}{35} = 10\%$$

h. 250 g as a percentage of 2 kg

$$\frac{250}{2000} \times 100 = 12.5\%$$

gi. 75 p as a percentage of ₹ 4

$$\frac{75}{400} \times 100 = 18.75\%$$

j. 24 cm as a percentage of
2.5 m

$$= \frac{24}{2500} \times 100 = \frac{24}{250} \times 100 = 9.6\%$$