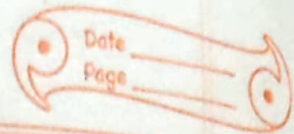


H/W  
22.11.21

Ex 13(B)



1. Find.

e. 24% of 60 litres =  $\frac{24}{100} \times 60 = 14.4$  l

f. 45% of 900 meters =  $\frac{45}{100} \times 900 = 405$  m

g. 80% of 1200 =  $\frac{80}{100} \times 1200 = 960$

h.  $37\frac{1}{2}$  % of 140 kg =  $\frac{75}{2} \div 100 \times 140$

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

i. 140% of ₹ 1500 =  $\frac{140}{100} \times 1500 = ₹ 2100$

2. Express,

g. 350m as a percentage of 3.5 km

$$\approx 1 \text{ km} = 1000 \text{ m}$$

$$\approx 3.5 \text{ km} = 3.5 \times 1000$$

$$\approx \frac{350}{3500} \times 1000 = 3500 \text{ m}$$

$\therefore$  350m of 3.5km

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

h. 250g as a percentage of 2 kg

$$\approx 1 \text{ kg} = 1000 \text{ g}$$

$$2 \text{ kg} = 2 \times 1000 = 2000 \text{ g}$$

$\therefore$  250g of 2kg

$$\approx \frac{250}{2000} \times 100 = \frac{25}{2} = 12.5\%$$

i. 75 p as a percentage of ₹ 4

$$= ₹ 1 = 100 p$$

$$₹ 4 = 4 \times 100 = 400 p$$

∴ 75 p of ₹ 4

$$= \frac{75}{400} \times 100 = \frac{75}{4} \times 100 = 1875 = 187.5\%$$

j. 24 cm as a percentage of 2.5 m

$$= 1 m = 100 cm$$

$$2.5 m = 2.5 \times 100$$

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

∴ 24 cm of 2.5 m

$$= \frac{24}{250} \times 100 = \frac{48}{5} = 9.6\%$$