

1. Find

(a) 35% of 700

ANS - 245

(b) 19% of 600.

ANS - 114.

(c) 21% of ₹ 1800.

ANS - 378.

(d) $18\frac{2}{3}\%$ of ₹ 3000.

ANS - ₹ 500

(e) 24% of 60 liters

ANS - 14.4 L.

(f) 45% of 900 m.

ANS- 405m

(g) 80% of 1200

ANS- 960%

(h) $37\frac{1}{2}$ % of 140Kg.

ANS- 52.5 Kg%

(i) 140% of ₹ 1500.

ANS- ₹ 2100%

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. 8cm as percentage of 1m =

$$\frac{8}{100} \times 100 = 8\%$$

d. 5cm as percentage of 2m =

$$\frac{5}{100} \times 100 = 5 \times 2 = 10\% \quad 2\frac{1}{2}\%$$

(e) 12g as a percentage of 500g.

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

f. 10L as percentage of 15L =

$$= \frac{10}{\cancel{15}} \times \frac{20}{100} = \frac{200}{3} = 66\frac{2}{3}\%$$

(g) 350m as a percentage of 3.5km

ANS - ~~350~~ 10%

(h) 250 g as a percentage of 2 kg.

ANS - 12.5%

(i) 75 p as a percentage of $\frac{2}{9}$.

ANS - 18.75%

(j) 24 cm as a percentage of 2.5 m.

ANS- 0.4%

EX 13 (B).