



Exercise 7B

(ii) 9 kg 37 g in kilograms:

$$9 \text{ kg} + 37 \text{ gm} = 9 \text{ kg} + \frac{37}{1000} \text{ kg}$$

$$9 \text{ kg} + 0.037 \text{ kg} = 9.037 \text{ kg}$$

(iii) 6 kg 8 g in kilograms:

$$6 \text{ kg} + 8 \text{ gm} = 6 \text{ kg} + \frac{8}{1000} \text{ kg}$$

$$6 \text{ kg} + 0.008 \text{ kg} = 6.008 \text{ kg}$$

Q34

Answer :

(i) 4 km 365 m in kilometres:

$$4 \text{ km} + 365 \text{ m} = 4 \text{ km} + \frac{365}{1000} \text{ km} \quad [\text{Since } 1 \text{ km} = 1000 \text{ m}]$$

$$4 \text{ km} + 0.365 \text{ km} = 4.365 \text{ km}$$

(ii) 5 km 87 m in kilometres:

$$5 \text{ km} + 87 \text{ m} = 5 \text{ km} + \frac{87}{1000} \text{ km} \quad [\text{Since } 1 \text{ km} = 1000 \text{ m}]$$

$$5 \text{ km} + 0.087 \text{ km} = 5.087 \text{ km}$$

(iii) 3 km 6 m in kilometres:

$$3 \text{ km} + 6 \text{ m} = 3 \text{ km} + \frac{6}{1000} \text{ km} \quad [\text{Since } 1 \text{ km} = 1000 \text{ m}]$$

$$3 \text{ km} + 0.006 \text{ km} = 3.006 \text{ km}$$

(iv) 270 m in kilometres:

$$\frac{270}{1000} \text{ km} = 0.270 \text{ km} \quad [\text{Since } 1 \text{ km} = 1000 \text{ m}]$$

(v) 35 m in kilometres:

$$\frac{35}{1000} \text{ km} = 0.035 \text{ km} \quad [\text{Since } 1 \text{ km} = 1000 \text{ m}]$$

(vi) 6 m in kilometres:

$$\frac{6}{1000} \text{ km} = 0.006 \text{ km} \quad [\text{Since } 1 \text{ km} = 1000 \text{ m}]$$

Q35

Answer :

(i) 15 kg 850 g in kilograms:

$$15 \text{ kg} + 850 \text{ gm} = 15 \text{ kg} + \frac{850}{1000} \text{ kg} \quad [\text{Since } 1 \text{ kg} = 1000 \text{ gm}]$$

$$15 \text{ kg} + 0.850 \text{ kg} = 15.850 \text{ kg}$$

(ii) 8 kg 96 g in kilograms:

$$8 \text{ kg} + 96 \text{ gm} = 8 \text{ kg} + \frac{96}{1000} \text{ kg} \quad [\text{Since } 1 \text{ kg} = 1000 \text{ gm}]$$

$$8 \text{ kg} + 0.096 \text{ kg} = 8.096 \text{ kg}$$

(iii) 540 g in kilograms:

$$540 \text{ gm} = \frac{540}{1000} \text{ kg} = 0.540 \text{ kg} \quad [\text{Since } 1 \text{ kg} = 1000 \text{ gm}]$$

(iv) 8 g in kilograms:

$$8 \text{ gm} = \frac{8}{1000} \text{ kg} = 0.008 \text{ kg} \quad [\text{Since } 1 \text{ kg} = 1000 \text{ gm}]$$

Q36

Answer :

(i) Rs 18 and 25 paise in rupees:

$$\text{Rs } 18 + 25 \text{ paise} = \text{Rs } 18 + \text{Rs } \frac{25}{100} \quad [\text{Since Re } 1 = 100 \text{ paise}]$$

$$\text{Rs } 18 + \text{Rs } 0.25 = \text{Rs } 18.25$$

(ii) Rs 9 and 8 paise in rupees:

$$\text{Rs } 9 + 8 \text{ paise} = \text{Rs } 9 + \text{Rs } \frac{8}{100} \quad [\text{Since Re } 1 = 100 \text{ paise}]$$

$$\text{Rs } 9 + \text{Rs } 0.08 = \text{Rs } 9.08$$

(iii) 32 paise in rupees:

$$32 \text{ paise} = \text{Rs } \frac{32}{100} = \text{Rs } 0.32 \quad [\text{Since Re } 1 = 100 \text{ paise}]$$

(iv) 5 paise in rupees:

$$5 \text{ paise} = \text{Rs } \frac{5}{100} = \text{Rs } 0.05 \quad [\text{Since Re } 1 = 100 \text{ paise}]$$

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