Decimals Ex 7.6 Q6

Answer :

(i) Rs 5.25

We know that 100 paisa = 1 rupee.

So, 1 paisa = 1/100 rupee.

Therefore, Rs 5.25 = 5 + 0.25

$$= 5 + \frac{25}{100}$$

= Rs 5 and 25 paisa

(ii) 8.354 kg

We know that 1000 g = 1 kg.

So, 1 g = 1/1000 kg.

Therefore, 8.354 = 8+ 0.354

$$= 8 + \frac{354}{1000}$$

= 8 kg 354 g

(iii) 3.5 cm

We know that 10 mm = 1 cm.

So, 1 mm = 1/10 cm.

Therefore, 3.5= 3+ 0.5

$$= 3 + \frac{5}{10}$$

= 3 cm and 5 mm

(iv) 3.05 km

We know that 1000 m = 1 km.

Therefore, 3.05 = 3+ .05

= 3+ 5/100 = 3+ 50/1000 km

= 3 km and 50 m

(v) 7.54 m

We know that 100 cm = 1 m.

Therefore, 7.54 = 7+ 0.54

= 7+ 54/100

= 7 m and 54 cm

(vi) 15.005 kg

We know that 1 kg = 1000 g.

Therefore, 15.005= 15 + 0.005

= 15+ 5/1000

= 15 kg and 5 g

(vii) 12.05 m

We know that 1 m = 100 cm.

Therefore, 12.05 = 12 +.05

= 12 + 5/100

= 12 m and 5 cm

(viii) 0.2 cm

We know that 1 cm = 10 mm.

Therefore, 0.2 = 2/10

= 2 mm

********** END *********