



Decimals Ex 7.6 Q6

**Answer :**

(i) Rs 5.25

We know that 100 paisa = 1 rupee.

So, 1 paisa =  $\frac{1}{100}$  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 =  $\frac{1}{1000}$  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 =  $\frac{1}{10}$  cm.

Therefore, 3.5 =  $3 + 0.5$

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

= 3 cm and 5 mm

(iv) 3.05 km

We know that  $1000 \text{ m} = 1 \text{ km}$ .

Therefore,  $3.05 = 3 + .05$

$= 3 + \frac{5}{100} = 3 + \frac{50}{1000} \text{ km}$

$= 3 \text{ km and } 50 \text{ m}$

(v) 7.54 m

We know that  $100 \text{ cm} = 1 \text{ m}$ .

Therefore,  $7.54 = 7 + 0.54$

$= 7 + \frac{54}{100}$

$= 7 \text{ m and } 54 \text{ cm}$

(vi) 15.005 kg

We know that  $1 \text{ kg} = 1000 \text{ g}$ .

Therefore,  $15.005 = 15 + 0.005$

$= 15 + \frac{5}{1000}$

$= 15 \text{ kg and } 5 \text{ g}$

(vii) 12.05 m

We know that  $1 \text{ m} = 100 \text{ cm}$ .

Therefore,  $12.05 = 12 + .05$

$= 12 + \frac{5}{100}$

$= 12 \text{ m and } 5 \text{ cm}$

(viii) 0.2 cm

We know that  $1 \text{ cm} = 10 \text{ mm}$ .

Therefore,  $0.2 = 2/10$

$= 2 \text{ mm}$

\*\*\*\*\* END \*\*\*\*\*