



Decimals Ex 7.6 Q3

Answer :

(i) 5 mm

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

Therefore, $1 \text{ mm} = 1/10 \text{ cm}$.

$$5 \text{ mm} = 5/10 = 0.5 \text{ cm}$$

(ii) 60 mm

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

Therefore, $1 \text{ mm} = 1/10 \text{ cm}$.

$$60 \text{ mm} = 60/10 = 6 \text{ cm}$$

(iii) 175 mm

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

Therefore, $1 \text{ mm} = 1/10 \text{ cm}$.

$$175 \text{ mm} = 175/10 = 17.5 \text{ cm}$$

(iv) 4 cm 5 mm

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

Therefore, $1 \text{ mm} = 1/10 \text{ cm}$.

$$\begin{aligned} 4 \text{ cm } 5 \text{ mm} &= 4 + 5/10 \\ &= 4.5 \text{ cm} \end{aligned}$$

Answer :

(i) 5 m

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

Therefore, $1 \text{ m} = 1/1000 \text{ km} = 0.001 \text{ km}$.

$$5 \text{ m} = 5/1000 = 0.005 \text{ km}$$

(ii) 55 m

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

Therefore, $1 \text{ m} = 1/1000 \text{ km} = 0.001 \text{ km}$.

$$55 \text{ m} = 55/1000 = 0.055 \text{ km}$$

(iii) 555 m

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

Therefore, $1 \text{ m} = 1/1000 \text{ km} = 0.001 \text{ km}$.

$$555 \text{ m} = 555/1000 = 0.555 \text{ km}$$

(iv) 5555 m

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

Therefore, $1 \text{ m} = 1/1000 \text{ km} = 0.001 \text{ km}$.

$$5555 \text{ m} = 5555/1000 = 5.555 \text{ km}$$

(v) 15 km 35 m

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

Therefore, $1 \text{ m} = 1/1000 \text{ km} = 0.001 \text{ km}$.

$$\begin{aligned} 15 \text{ km } 35 \text{ m} &= 15 + \frac{35}{1000} \\ &= 15.035 \text{ km} \end{aligned}$$

Answer :

(i) 8 g

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

Therefore, $1 \text{ g} = 1/1000 = 0.001 \text{ kg}$.

$$8 \text{ g} = 8/1000 = 0.008 \text{ kg}$$

(ii) 150 g

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

Therefore, $1 \text{ g} = 1/1000 = 0.001 \text{ kg}$.

$$150 \text{ g} = 150/1000 = 0.150 \text{ kg}$$

(iii) 2750 g

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

Therefore, $1 \text{ g} = 1/1000 = 0.001 \text{ kg}$.

$$2750 \text{ g} = 2.750 \text{ kg}$$

(iv) 5 kg 750 g

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

Therefore, $1 \text{ g} = 1/1000 = 0.001 \text{ kg}$.

$$\begin{aligned} 5 \text{ kg } 750 \text{ g} &= 5 + \frac{750}{1000} \\ &= 5.750 \text{ kg} \end{aligned}$$

(v) 36 kg 50 g

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

Therefore, $1 \text{ g} = 1/1000 = 0.001 \text{ kg}$.

$$\begin{aligned} 36 \text{ kg } 50 \text{ g} &= 36 + \frac{50}{1000} \\ &= 36.050 \text{ kg} \end{aligned}$$

***** END *****

