Decimals Ex 7.6 Q3

Answer :

(i) 5 mm

We know that 10 mm = 1 cm.

Therefore, 1 mm = 1/10 cm.

5 mm = 5/10= 0.5 cm

(ii) 60 mm

We know that 10 mm = 1 cm.

Therefore, 1 mm = 1/10 cm.

60 mm = 60/10 = 6 cm

(iii) 175 mm

We know that 10 mm = 1 cm.

Therefore, 1 mm = 1/10 cm.

175 mm = 175/10 = 17.5 cm

(iv) 4 cm 5 mm

We know that 10 mm = 1 cm.

Therefore, 1 mm = 1/10 cm.

4 cm 5 mm = 4 + 510

= 4.5 cm

Answer :

(i) 5 m

We know that 1000 m = 1 km.

Therefore, 1 m = 1/1000 km = 0.001 km.

5 m = 5/1000 = 0.005 km

(ii) 55 m

We know that 1000 m = 1 km.

Therefore, 1 m = 1/1000 km = 0.001 km.

55 m = 55/1000 = 0.055 km

(iii) 555 m

We know that 1000 m = 1 km.

Therefore, 1 m = 1/1000 km = 0.001 km.

555 m = 555/1000 = 0.555 km

(iv) 5555 m

We know that 1000 m = 1 km.

Therefore, 1 m = 1/1000 km = 0.001 km.

5555 m = 5555/1000 = 5.555 km

(v) 15 km 35 m

We know that 1000 m = 1 km.

Therefore, 1 m = 1/1000 km = 0.001 km.

15 km 35 m = $15 + \frac{35}{1000}$

=15.035 km

Answer :

(i) 8 g

We know that 1000 g = 1 kg.

Therefore, 1 g = 1/1000= 0.001 kg.

8 g = 8/1000= 0.008 kg

(ii) 150 g

We know that 1000 g = 1 kg.

Therefore, 1 g = 1/1000= 0.001 kg.

150 g = 150/1000 = 0.150 kg

(iii) 2750 g

We know that 1000 g = 1 kg.

Therefore, 1 g = 1/1000= 0.001 kg.

2750 g = 2.750 kg

(iv) 5 kg 750 g

We know that 1000 g = 1 kg.

Therefore, 1 g = 1/1000= 0.001 kg.

$5 \text{ kg } 750 \text{ g} = 5 + \frac{750}{1000}$

$= 5.750 \text{ kg}$

(v) 36 kg 50 g

We know that 1000 g = 1 kg.

Therefore, 1 g = 1/1000= 0.001 kg.

$36 \text{ kg } 50 \text{ g} = 36 + \frac{50}{1000}$

$= 36.050 \text{ kg}$

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