



Decimals Ex 7.9 Q6

Answer :

Weight of the watermelon when bought = 5 kg 200 g = 5.200 kg (we know that 1 kg = 1000 g)

Weight of the watermelon given to the neighbour = 2 kg 750 g = 2.750 kg

Therefore, weight of the watermelon left with Ruby = Weight of the watermelon when bought - weight of the watermelon given to the neighbour

$$= 5.200 \text{ kg} - 2.750 \text{ kg}$$

$$= 2.450 \text{ kg}$$

So, weight of the watermelon left with Ruby = 2.450 kg

Decimals Ex 7.9 Q7

Answer :

Distance travelled on Saturday = 89.050 km

Distance travelled on Sunday = 73.9 km

Subtracting the distance travelled on Sunday from the distance travelled on Saturday

$$89.050 \text{ km} - 73.9 \text{ km}$$

$$= 15.15 \text{ km}$$

Therefore, Victor drove 15.15 km more on Saturday.

Decimals Ex 7.9 Q8

Answer :

Price of the book = Rs 35.65

Amount given to the shopkeeper = Rs 50

Therefore, balance returned by the shopkeeper

$$= \text{Rs } 50 - \text{Rs } 35.65$$

$$= \text{Rs } 14.35$$

Decimals Ex 7.9 Q9

Answer :

Distance travelled by bus = 125.5 km

Distance travelled on pony = 14.25 km

Suppose the distance travelled on foot = x

Total distance = 150 km = Distance travelled by bus + distance travelled on pony + distance travelled on foot

$$150 \text{ km} = 125.5 \text{ km} + 14.25 \text{ km} + x$$

$$150 \text{ km} = 139.75 \text{ km} + x$$

$$x = 150 \text{ km} - 139.75 \text{ km}$$

$$x = 10.25 \text{ km}$$

Therefore, distance travelled on foot = 10.25 km

***** END *****

