



Exercise 3C

$$\begin{array}{r} 845 \\ \times 72 \\ \hline 1690 \\ 5915 \times \\ \hline 60840 \end{array}$$

Hence, the capacity of 72 bottles of sauce will be 60.84 kg.

Q14

Answer :

Weight of 1 bottle of jam = 925 g = 0.925 kg

\therefore Weight of 25 such bottles = (0.925×25) kg
= 23.125 kg

$$\begin{array}{r} 925 \\ \times 25 \\ \hline 6425 \\ 1850 \times \\ \hline 23125 \end{array}$$

\therefore The weight of 25 bottles of jam will be 23.125 kg.

Q15

Answer :

Capacity of 1 drum of oil = 16.850 litres

\therefore Capacity of 48 such drums = (16.850×48) litres
= 808.800 litres

$$\begin{array}{r} 16850 \\ \times 48 \\ \hline 134800 \\ 67400 \times \\ \hline 808800 \end{array}$$

Hence, the capacity of 48 drums of oil is 808.800 litres.

Q16

Answer :

Cost of 1 kg of rice = Rs 56.80

∴ Cost of 16.25 kg of rice = Rs (56.80 × 16.25)
= Rs 923

$$\begin{array}{r} 5680 \\ \times 1625 \\ \hline 28400 \\ 11360 \times \\ 34080 \times \times \\ 5680 \times \times \times \\ \hline 9230000 \end{array}$$

Hence, the cost of 16.25 kg of rice is Rs 923.

Q17

Answer :

Cost of 1 m of cloth = Rs 108.50

∴ Cost of 18.5 m of cloth = Rs (108.50 × 18.5)
= Rs 2007.25

$$\begin{array}{r} 10850 \\ \times 185 \\ \hline 54250 \\ 86800 \times \\ 10850 \times \times \\ \hline 2007250 \end{array}$$

Hence, the cost of 18.5 m of cloth is Rs 2007.25.

Q18

Answer :

Distance covered by the car with 1 litre of petrol = 8.6 km

∴ Distance covered with 36.5 litres of petrol = (8.6 × 36.5) km
= 313.900 km

Hence, the distance covered by the car with 36.5 litres of petrol is 313.900 km.

Q19

Answer:

Charges for 1 km = Rs 9.80

Charges for 106.5 km = Rs (9.80 × 106.5)

= Rs 1043.70

Hence, the taxi driver will charge Rs 1043.70 for a journey of 106.5 km.

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