

4. Ans:

Petrol required for 1 hr of journey = 6.38 l

Petrol required for 7.25 hours = 6.38×7.25

$$\begin{array}{r} 6.38 \\ \times 7.25 \\ \hline 3190 \\ 1276 \\ \hline 4460 \\ \hline 46.2550 \end{array}$$

Thus 46.255 litres of petrol is required for the journey of 7.25 hours.

Exercise - 16(c)

5. Ans: Amount of petrol Mr. Sohan's car needs = 3.05 l 3.05

1 month = 30 days × 30

∴ 30 days = 3.05 × 30 000
 = 91.50 l + 915
91.50

Cost of 1 litre petrol = ₹ 67.90

Cost of 91.5 l petrol = 91.5 × 67.9

91.5 = ₹ 6212.85

× 67.9

8235

6405

5490

6212.85

Thus, 91.5 litre petrol was used by Mr. Sohan in A month by giving ₹ 6212.85.

6. Ans: Litres of milk a hotel need in one day = 165 l

1 week = 7 days

$$\therefore 7 \text{ days} = 165 \times 7$$
$$= 1155 \text{ l}$$

Cost of 1 litre milk = ₹ 31.50

$$\therefore \text{Cost of } 1155 \text{ l milk} = 31.5 \times 1155$$
$$= ₹ 36382.5$$

$$\begin{array}{r} 1155 \\ \times 31.5 \\ \hline 5775 \\ 1155 \\ \hline 3765 \\ \hline 36382.5 \end{array}$$

Thus, 1155 litre milk was needed by a Hotel in a week for ₹ 36382.5.

Exercise 16(c)

7. Ans.

Oil in the jar = 5 L

Oil in 6 bottles each of 8 dl = 6×0.8
= 4.8

Oil in the jar left = $5\text{L} - 4.8\text{L} = 0.2\text{L}$
= 2 dl

Thus, 2 dl oil is left in the jar.

8. Ans. Length of the rope = 15m 60cm = 1560cm 1m = 100cm
15m 60cm = $15 \times 100 + 60$

Na of pieces of 25cm = $1560 \div 25$ = 62 pieces

$$\begin{array}{r}
 62 \\
 25 \overline{) 1560} \\
 \underline{150} \\
 60 \\
 \underline{50} \\
 10
 \end{array}$$

Therefore 62 pieces of 25cm each can be cut from the rope and 10cm will remain extra.