∴ Number of shirts that can be made from 45 m of cloth = $\frac{45}{1.8} = \frac{15}{0.6} = \frac{5}{0.2} = \frac{50}{2} = 25$

Hence, 25 shirts can be made from a piece of cloth of length 45 m.

Q10
Answer:

Distance covered by the car with 2.4 litres of petrol = 22.8 km

∴ Distance covered with 1 litre of petrol = $\left(\frac{22.8}{2.4}\right)$ km

$$= \left(\frac{228}{24}\right) \text{ km} = \left(\frac{228 \div 12}{24 \div 12}\right) \text{ km} = \left(\frac{19}{2}\right) \text{ km} = 9\frac{1}{2} \text{ km}$$

Hence, the distance covered by the car with 1 litre of petrol is $9\frac{1}{2}$ km.

Q11
Answer:

Capacity of 1 tin of oil = 16.5 litres

∴ Number of tins required to hold 478.5 litres of oil = $\left(\frac{478.5}{16.5}\right) = \left(\frac{4785}{165}\right) = \left(\frac{4785 \div 15}{165 \div 15}\right) = \frac{319}{11} = 29$

Hence, 29 oil tins will be required to hold 478.5 litres of oil.

Q12

Answer :

Weight of 37 bags of sugar = 3644.5 kg

∴ Weight of 1 bag of sugar = $\left(\frac{3644.5}{37}\right)$ = 98.5 kg

```
        98.5
37 ) 3644.5
   − 333
   ──────
       314
   −   296
   ──────
       185
   −   185
   ──────
         ×
```

Hence, each bag of sugar weighs 98.5 kg.

Q13

Answer :

Capacity of 69 buckets of water = 586.5 litres

∴ Capacity of one such bucket = $\left(\frac{586.5}{69}\right)$ litres = 8.5 litres.

```
        8.5
69 ) 586.5
   − 552
   ──────
      345
   −  345
   ──────
        ×
```

Hence, the capacity of each water bucket is 8.5 litres.

Q14

Answer :

Length of one piece of cloth = 1.15 m

∴ Number of pieces she gets from 46 m of cloth = $\left(\frac{46}{1.15}\right)$

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