

Class-5

Subject-Mathematics

Chapter-11

Measurement

Lecture-6

Solution

Exercise (Do yourself)

a) There were 75cL of oil in a bottle. How many litres of oil would be left in the bottle if Santi used 180mL of it?

b) A can contains 350mL of mango juice. How many litres of mango juice there will be if there are 24 cans?

c) A family used up a tank of 20L drinking water in 8 days. In average, how many deciliters of water did they use a day?

Solution:

a) A bottle contains oil = 75cL

$$= (75 \times 10)\text{mL} [\because 1\text{cL} = 10\text{mL}]$$

$$= 750\text{mL}$$

Santi used 180mL of it

$$\therefore \text{Amount of oil is left} = 750\text{mL} - 180\text{mL}$$

$$= 570\text{mL}$$

Ans: 570mL oil is left in the bottle.

b) 1 bottle contains mango juice = 350mL

$$\begin{aligned}\therefore 24 \text{ " " " " } &= (350 \times 24) \text{ mL} = 8400\text{mL} \\ &= (8400 \div 1000) \text{ L } [\because 1\text{mL} = \frac{1}{1000} \text{ L}] \\ &= 8.400\text{L}\end{aligned}$$

Ans: 8.400L.

c) In 8 days, a family used = 20L of water

$$\begin{aligned}\therefore \text{ " 1 " , " " } &= (20 \div 8) \text{ L of water} \\ &= 2.5 \text{ L} \\ &= (2.5 \times 10) \text{ dL } [\because 1\text{L} = 10\text{dL}] \\ &= 25\text{dL}\end{aligned}$$

Ans: 25dL.