

Q.F. ① Convert

920 hours

into days and hours.

SOLUTION

Q → 38 days

$$\because 24 \text{ hours} = 1 \text{ day}$$

$$\because 920 \text{ hours} = 920 \div 24$$

$$= 38 \text{ days } 8 \text{ hours}$$

Ans

$$\begin{array}{r} 24 \overline{) 920} \\ \underline{72} \\ 200 \\ \underline{192} \\ 8 \end{array}$$

R → 8 hrs

$$= 120 \text{ days} + 7 \text{ days} = 127 \text{ days Ans}$$

Q.G. ② Convert 6 weeks 6 days

Solution into days

$$\because 1 \text{ week} = 7 \text{ days}$$

$$\because 6 \text{ weeks} = 7 \times 6 = 42 \text{ days}$$

$$\because 6 \text{ weeks } 6 \text{ days}$$

$$= 42 \text{ days} + 6 \text{ days}$$

$$= 48 \text{ days Ans}$$

Q.G. ① Convert 4 months 7 days

Solution into days.

$$\because 1 \text{ month} = 30 \text{ days}$$

$$\because 4 \text{ months} = 30 \times 4 = 120 \text{ days}$$

$$\because 4 \text{ months } 7 \text{ days}$$

Q.G. ⑥ Convert 15 weeks

Solution into days

$$\because 1 \text{ week} = 7 \text{ days}$$

$$\because 15 \text{ weeks} = 15 \times 7 \text{ days}$$

$$= 105 \text{ days Ans}$$

Q. K. ① Convert 158 months into years and months:

Solution:

∴ 12 months = 1 year
∴ 158 months = $158 \div 12$
= 13 years 2 months
Ans

Q → 13 years
$$\begin{array}{r} 12 \overline{)158} \\ \underline{-12} \\ 38 \\ \underline{-36} \\ 2 \end{array}$$

R → 2 months

Q. L. Anixudh travelled in a bus for 3 hours and 20 minutes. How many minutes did he take?

Solution: ∵ 1 hour = 60 minutes

∴ 3 hours = $60 \times 3 = 180$ minutes
∴ 3 hours 20 minutes
= 180 minutes + 20 minutes
= 200 minutes

Anixudh travelled in a bus for 200 minutes. Ans

Q. M. Daniel goes for painting class everyday for 35 minutes. How many hours does he learn painting in a month? Solution:

Daniel goes for painting class everyday for = 35 minutes
No. of days in a month = 30
∴ He learnt painting in a month for = 35×30 minutes
= 1050 minutes
= 17 hours 30 minutes Ans

∵ 60 min = 1 hr
∴ 1050 min = $1050 \div 60$
= 17 hours 30 minutes

Q → 17 hours
$$\begin{array}{r} 60 \overline{)1050} \\ \underline{-60} \\ 450 \\ \underline{-420} \\ 30 \end{array}$$

R → 30 min