

CH7: TIME GOES ON

CONVERSION BETWEEN DAYS, WEEKS, MONTHS, YEAR

WS:76

MATHS COPY 1

8/11/21

1) Convert 2years into weeks.

**Let us consider 1 year = 52 weeks
(approximately)**

**Therefore, 2 years = 2 x 52 weeks
= 104 weeks**

Ans) 2years = 104 weeks

2) Convert 146 weeks into years and weeks.

We know 1 year = 52 weeks (approx)

Therefore 146 weeks = $146 \div 52$ years

= 2 years 42 weeks

Ans) 146 weeks = 2 years 42 weeks

Handwritten long division on lined paper:

$$\begin{array}{r} 2 \rightarrow \text{years} \\ 52 \overline{) 146} \\ \underline{-104} \\ 42 \rightarrow \text{weeks} \end{array}$$

3) Convert 7 months into days.

Let us assume 1month =30days

Therefore, 7months = 7 x 30 days
= 210 days

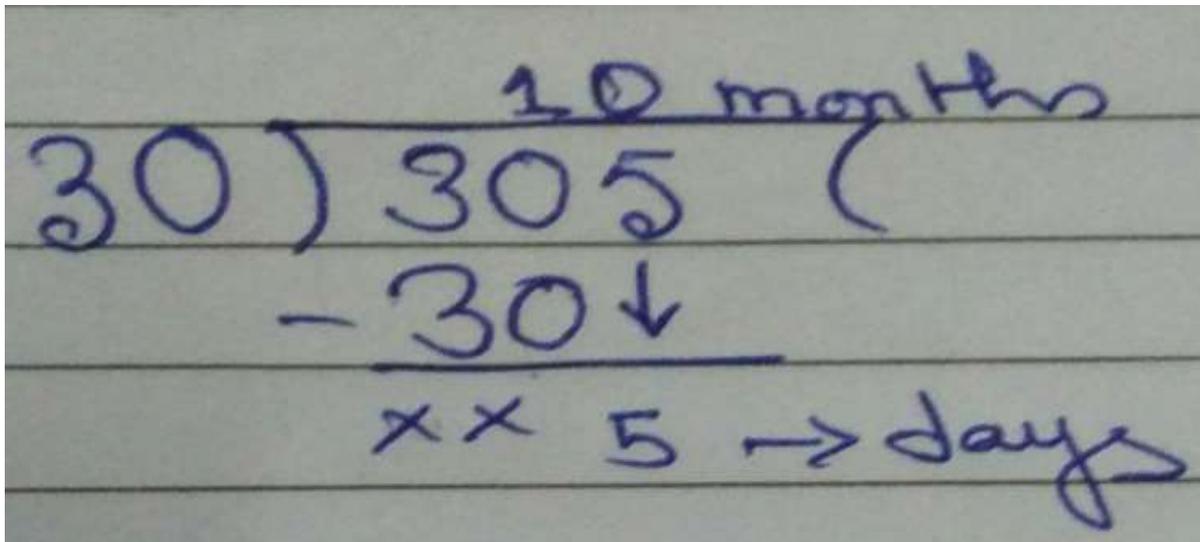
Ans) 7months = 210 days

4) Convert 305 days into months and days.

Let us assume 1 month = 30 days

**Therefore, 305 days = $305 \div 30$ months
= 10 months 5 days**

Ans) 305 days = 10 months 5 days



Handwritten division on lined paper:

$$\begin{array}{r} 10 \text{ months} \\ \hline 30 \overline{) 305} \\ \underline{- 30} \\ 5 \\ \times \times 5 \rightarrow \text{days} \end{array}$$

5) Convert 4 years into months.

We know 1 year = 12 months

**Therefore, 4 years = 4 x 12 months
= 48 months**

Ans) 4 years = 48 months

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- 1) Convert 78 months into years and months.**
- 2) Convert 60 weeks into years and weeks.**
- 3) Convert 900 days into months. Also convert the same into years and months.**
- 4) Convert 5 months 20 days into days.**
- 5) Convert 4 months 7 weeks 4 days into days.**

Thank you