

15.06.2020

LK: To convert units of time

Hello everybody! Miss Dattani here, I hope you are all safe and well.

You do not need a printer to complete any tasks, please do your task on pen and paper and email me if you have any questions at WDV.year5@oasiswoodview.org

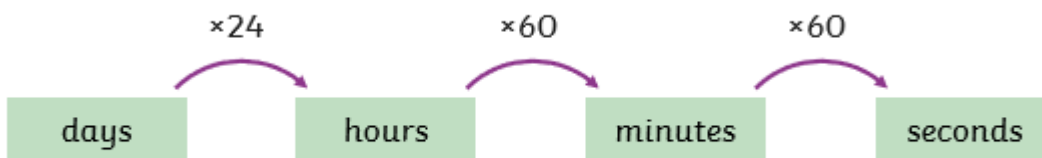
Your task is differentiated two ways:

- Section A is suited for one star (blue and green)
- Section B is suited for two and three star (yellow, orange and red table)

Today we will convert units of time. For example, how many minutes there are in two hours. You will need to use these facts to help you:

- 60 seconds= 1 minute
- 60 minutes= 1 hour
- 7 days=1 week
- 12 months= 1 year

Below is a conversion tool to help you convert the units of time.



1 day= ___ minutes

To calculate this, I will use the conversion tool above. I have 1 day, I will convert that first to hours. $1 \times 24 = 24$. I then need to turn this into minutes by multiplying it by 60. $24 \times 60 = 1440$.

$$\begin{array}{r}
 \times 24 \\
 \underline{60} \\
 + 00 \\
 1440 \\
 \hline
 1440
 \end{array}$$

TARGET To solve problems...

A

Copy and complete.

- | | | |
|--|--|---|
| 1 <input type="text"/> seconds = 3 minutes | 5 <input type="text"/> days = 2 weeks | 9 <input type="text"/> months = 4 years |
| 2 300 seconds = <input type="text"/> minutes | 6 <input type="text"/> days = 5 weeks | 10 <input type="text"/> months = 20 years |
| 3 <input type="text"/> minutes = 7 hours | 7 21 days = <input type="text"/> weeks | 11 60 months = <input type="text"/> years |
| 4 120 minutes = <input type="text"/> hours | 8 70 days = <input type="text"/> weeks | 12 96 months = <input type="text"/> years |
- 13 How many complete weeks and days are there in:
 a) April b) May?
- 14 How many minutes are there in two and a half hours?

B

Copy and complete.

- 1 seconds = 1 minute 47 seconds
- 2 500 seconds = minutes seconds
- 3 minutes = 2 hours 35 minutes
- 4 419 minutes = hours minutes
- 5 hours = 5 days 17 hours
- 6 100 hours = days hours
- 7 days = 2 weeks 3 days
- 8 40 days = weeks days
- 9 months = 3 years 6 months
- 10 70 months = years months
- 11 There are exactly 13 complete weeks in the first three months of a year. Is it a leap year?
- 12 A ship leaves port at 14:45 on Sunday. It returns at 09:20 on Wednesday. How long was the voyage in days, hours and minutes?