

DATE/DAY : 29 JULY 2021 (THURSDAY)
 TITLE : TIME AND TIME
 STANDARD CONTENT : Relevance in time and time
 LEARNING STANDARDS : 4.4.2
 Specifies the association between units of
 PERFORMANCE STANDARD : time
 LEARNING OBJECTIVE : Students can change the unit of time involving:
 1. days and weeks,
 2. months and years,

REFERENCE : MATHEMATICS TEXTBOOK OF THE YEAR 4 PAGE 148 - 149
 NOTES / EXAMPLE :

B DAYS AND WEEKS

1 Year 4 Marikh pupils were given 4 weeks in the month of March to complete the anti-drug mural. State the number of days taken.
 4 weeks = days

Method 1

4 weeks
 = 4×7 days
 = 28 days

1 week

4 weeks

4 weeks = **28** days

Method 2

MARCH 2020

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

TIPS

week $\times 7$ day
 day $\div 7$ week

2 Convert 56 days to weeks.
 56 days = weeks

$$\begin{array}{r} 8 \text{ weeks} \\ 7 \overline{) 56} \\ \underline{- 56} \\ 0 \end{array}$$

56 days = **8** weeks

There are 21 days in 3 weeks. Prove it.

3 **MID-YEAR BREAK**

24.05.2019	08.06.2019	16 days
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What is the duration, in weeks and days, for the mid-year break above?
 16 days = weeks days

Method 1

16 days = 7 days + 7 days + 2 days
 = 1 week + 1 week + 2 days
 = 2 weeks 2 days

16 days = **2** weeks **2** days

Method 2

$$\begin{array}{r} 2 \text{ weeks} \\ 7 \overline{) 16} \\ \underline{- 14} \\ 2 \text{ days} \end{array}$$

C MONTHS AND YEARS

1 FACTS AT A GLANCE

The duration of the construction of Kuala Lumpur Tower until its official opening is 5 years.

Source: <https://www.menaraki.com.my/the-tower/history>

How many months did the construction of the Kuala Lumpur Tower take until its official opening?

5 years = months

$$5 \text{ years} = 5 \times 12 \text{ months} \\ = 60 \text{ months}$$

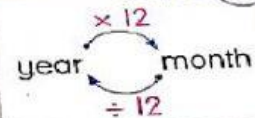
$$\begin{array}{r} 12 \text{ months} \\ \times 5 \\ \hline 60 \text{ months} \end{array}$$

5 years = **60** months

The duration of the construction of the Kuala Lumpur Tower until its official opening is **60 months**.



TIPS



2 FACTS AT A GLANCE

An Asian elephant can live to 840 months.

Source: 6000 AWESOME FACTS, page 194.

Calculate the age of the elephant in years.

840 months = years



$$\begin{array}{r} 70 \text{ years} \\ 12 \overline{) 840} \text{ months} \\ \underline{- 84} \\ 00 \\ \underline{- 0} \\ 0 \end{array}$$

840 months = **70** years

The elephant's age is **70 years**.

3 Convert 172 months to years and months.

172 months = years months

$$\begin{array}{r} 14 \text{ years} \\ 12 \overline{) 172} \text{ months} \\ \underline{- 12} \\ 52 \\ \underline{- 48} \\ 4 \text{ months} \end{array}$$

172 months = **14** years **4** months

Yong Fatt is 10 years 2 months old. Calculate his age in months.



INSTRUCTIONS

ANSWER ALL THE QUESTIONS BELOW. TYPE THE CORRECT NUMBER. REFER TO YOUR DLP BOOSTER BOOKS PAGE 62.

C. Convert the following units of time. LS4.4.2(iii)

Tukarkan unit masa berikut.

EXAMPLE

(a) 10 weeks 4 days = 74 days
 10 minggu 4 hari = 74 hari
 10 weeks/minggu 4 days/hari
 = (10 × 7) days/hari + 4 days/hari
 = 70 days/hari + 4 days/hari
 = 74 days/hari

(b) 80 days = 11 weeks 3 days
 80 hari = 11 minggu 3 hari

$$\begin{array}{r} 11 \\ 7 \overline{) 80} \\ \underline{- 7} \\ 10 \\ \underline{- 7} \\ 3 \end{array}$$

← weeks/minggu
 ← days/hari

1. 7 weeks = _____ days
 7 minggu = _____ hari
2. 84 days = _____ weeks
 84 hari = _____ minggu
3. 13 weeks 5 days = _____ days
 13 minggu 5 hari = _____ hari
4. 111 days = _____ weeks _____ days
 111 hari = _____ minggu _____ hari

D. Convert the following units of time. LS4.4.2(iii) **PL1**

Tukarkan unit masa berikut.

EXAMPLE

(a) 9 years 8 months
 9 tahun 8 bulan
 = 116 months/bulan
 9 years 8 months
 9 tahun 8 bulan
 = (12 × 9) months + 8 months
 (12 × 9) bulan + 8 bulan
 = 108 months + 8 months
 108 bulan + 8 bulan
 = 116 months/bulan

(b) 177 months/bulan
 = 14 years 9 months
14 tahun 9 bulan

$$\begin{array}{r} 14 \\ 12 \overline{) 177} \\ \underline{- 12} \\ 57 \\ \underline{- 48} \\ 9 \end{array}$$

← years/tahun
 ← months/bulan

1. 15 years = _____ months
 15 tahun = _____ bulan
2. 144 months = _____ years
 144 bulan = _____ tahun
3. 16 years 7 months
 16 tahun 7 bulan
 = _____ months/bulan
4. 125 months/bulan
 = _____ years _____ months
 _____ tahun _____ bulan