

MATHEMATICS MODULE YEAR 4

DATE/DAY	: 16 AUGUST 2021 (MONDAY)
CONTENT STANDARDS	: Base Time Operations
STANDARD OF LEARNING :	4.5.2 (i,ii,iii,iv)
PERFORMANCE STANDARDS	: Determine the justification of the answer and finish the sentence the mathematics involving time units
LEARNING OBJECTIVE	: Students can complete the mathematical sentences divided by time: (i) hours and days, (ii) days and weeks, (iii) month and year, (iv) years and decades, (v) years and centuries,

REFERENCE : MATHEMATICS TEXTBOOK OF THE YEAR 4 PAGE 161 - 163

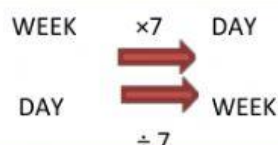
NOTE / EXAMPLE :

NOTE

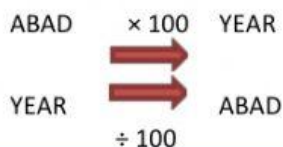
1 DAY = 24 HOUR



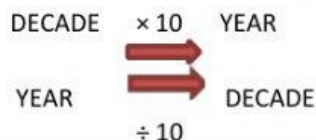
1 WEEK = 7 DAY



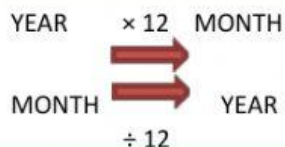
1 YEAR = 12 MONTH



1 DECADE = 10 YEAR



1 ABAD = 100 YEAR



EXAMPLE

12 DAY 9 HOUR $\div 3 =$ _____ HOUR

99 HOUR

SOLUTION

$$\begin{array}{r}
 4 \text{ hari } 3 \text{ jam} \\
 3 \overline{) 12 \text{ hari } 9 \text{ jam}} \\
 \underline{- 12} \\
 0
 \end{array}$$

$$\begin{array}{r}
 24 \text{ jam} \\
 \times 4 \\
 \hline
 96 \text{ jam}
 \end{array}$$

12 hari 9 jam $\div 3 = 99$ jam

4 hari 3 jam = 96 jam + 3 jam = 99 jam

60 HOUR $\div$ 24 = _____ DAY _____ HOUR

2 DAY 12 HOUR

$$\begin{array}{r} 510 \\ 60 \text{ jam} \\ - 24 \text{ jam} \\ \hline 36 \text{ jam} \\ - 24 \text{ jam} \\ \hline 12 \text{ jam} \end{array}$$
 1 hari
1 hari
2 hari

$$60 \text{ jam} \div 24 = 2 \text{ hari } 12 \text{ jam}$$

10 WEEK $\div$ 7 = _____ WEEK _____ DAY

1 WEEK 3 DAY

$$\begin{array}{r} \text{1 minggu} \\ 7 \overline{) 10 \text{ minggu}} \\ - 7 \\ \hline 3 \end{array}$$

$\rightarrow$

3 minggu = 3×7 hari = 21 hari

10 minggu $\div$ 7 = 1 minggu 3 hari

9 YEAR 4 MONTH $\div$ 7
= YEAR MONTH

1 YEAR 4 MONTH

$$\begin{array}{r}
 1 \text{ tahun} \quad 4 \text{ bulan} \\
 7 \overline{) 9 \text{ tahun}} \quad 4 \text{ bulan} \\
 \underline{- 7} \\
 2 \quad \quad \quad + 24 \\
 \quad \quad \quad \underline{28} \\
 \quad \quad \quad \underline{- 28} \\
 \quad \quad \quad 0
 \end{array}$$

2 tahun = 2×12 bulan
= 24 bulan

9 tahun 4 bulan $\div 7 = 1$ tahun 4 bulan

10 DECADE 8 YEAR $\div$ 12 = _____ YEAR

9 YEAR

$$\begin{aligned} 10 \text{ dekad} &= 10 \times 10 \text{ tahun} \\ &= 100 \text{ tahun} \\ 10 \text{ dekad } 8 \text{ tahun} &= 100 \text{ tahun} + 8 \text{ tahun} \\ &= 108 \text{ tahun} \end{aligned}$$

$$\begin{array}{r} 9 \text{ tahun} \\ 12 \overline{) 108 \text{ tahun}} \\ \underline{-108} \\ 0 \end{array}$$

10 dekad 8 tahun $\div$ 12 = **9** tahun

21 abad 12 YEAR ÷ 6 = ____ abad ____ YEAR 3 abad 52 YEAR	21 abad 12 tahun ÷ 6 = 3 abad 52 tahun
3 abad 4 YEAR ÷ 8 = ____ YEAR 38 YEAR	3 abad 4 tahun ÷ 8 = 38 tahun

INSTRUCTION :

**ANSWER THE QUESTIONS IN PAGE 67 PART F NUMBER 3 AND 4, PART G NUMBER 3 AND 4
PAGE 65 PART H NUMBER 3 AND 4, PART I NUMBER 3 AND 4 .**

F. Calculate each of the following.
Hitung setiap yang berikut.

Day: Date:
LS4.5.2(i) **PL3**

3. 10 days 5 hours ÷ 7
10 hari 5 jam ÷ 7
= ____ days ____ hours
____ hari ____ jam

4. 38 days ÷ 12
38 hari ÷ 12
= ____ days ____ hours
____ hari ____ jam

G. Calculate/Kira. LS4.5.2(ii) **PL3**

3. 21 weeks 5 days ÷ 4
21 minggu 5 hari ÷ 4
= ____ weeks ____ days
____ minggu ____ hari

4. 27 weeks 3 days ÷ 12
27 minggu 3 hari ÷ 12
= ____ weeks ____ days
____ minggu ____ hari

H. Calculate/Kira. LS4.5.2(iii) PL3

3. 11 years 1 month $\div 7$
11 tahun 1 bulan $\div 7$
= _____ years _____ months
_____ tahun _____ bulan

4. 21 years 8 months $\div 20$
21 tahun 8 bulan $\div 20$
= _____ years _____ months
_____ tahun _____ bulan

I. Calculate/Kira. LS4.5.2(iv), (v) PL3

3. 24 decades 3 years $\div 9$
24 dekad 3 tahun $\div 9$
= _____ decades _____ years
_____ abad _____ tahun

4. 20 centuries 16 years $\div 18$
20 abad 16 tahun $\div 18$
= _____ centuries _____ years
_____ abad _____ tahun