

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

DAY $\xrightarrow{\times 24}$ HOUR
HOUR $\xrightarrow{\div 24}$ DAY

1 WEEK = 7 DAY

WEEK $\xrightarrow{\times 7}$ DAY
DAY $\xrightarrow{\div 7}$ WEEK

1 YEAR = 12 MONTH

ABAD $\xrightarrow{\times 100}$ YEAR
YEAR $\xrightarrow{\div 100}$ ABAD

1 DECADE = 10 YEAR

DECADE $\xrightarrow{\times 10}$ YEAR
YEAR $\xrightarrow{\div 10}$ DECADE

1 ABAD = 100 YEAR

YEAR $\xrightarrow{\times 12}$ MONTH
MONTH $\xrightarrow{\div 12}$ YEAR

EXAMPLE

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

99 HOUR

SOLUTION

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

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

$$12 \text{ hari } 9 \text{ jam} \div 3 = 99 \text{ jam}$$

$$4 \text{ hari } 3 \text{ jam} = 96 \text{ jam} + 3 \text{ jam} = 99 \text{ jam}$$

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