

DATE/DAY : 29 JULY 2021 (THURSDAY)

Title : TIME AND DURATION

STANDARD CONTENT : BASIC OPERATION INVOLVING TIME

LEARNING STANDARDS: 4.3.1(vi) , 4.3.2 (vi)

PERFORMANCE STANDARDS : Determine the correctness of the answer and solve sentences
add and subtract time maths involving fractions and
Decimal.

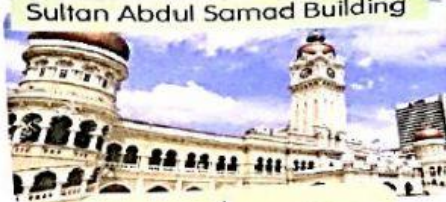
OBJEKTIF PEMBELAJARAN : Pupils are able to complete math sentences subtract time
involves fractions and decimals; 1) CENTURY AND YEARS

Reference : MATHEMATICS TEXTBOOK 5 PAGE 164

: REFER AND STUDY THE NOTES BELOW THEN ANSWER
ALL THE QUESTIONS BELOW.

Centuries and years

Find the age difference between these two historical places.



1 Sultan Abdul Samad Building

about $1\frac{1}{4}$ centuries



Fort Cornwallis, Pulau Pinang

2 centuries 35 years



Age of Historical Places in 2021

a $2 \text{ centuries } 35 \text{ years} - 1\frac{1}{4} \text{ centuries} = \text{ } \text{ century } \text{ } \text{ years}$

$\frac{1}{4} \text{ century} = (\frac{1}{4} \times 100) \text{ years}$
 $= 25 \text{ years}$
 Therefore, $1\frac{1}{4} \text{ centuries} = 1 \text{ century } 25 \text{ years}.$

century	year
2	35
- 1	25
1	10

$2 \text{ centuries } 35 \text{ years} - 1\frac{1}{4} \text{ centuries} = 1 \text{ century } 10 \text{ years}$
 The age difference between these two historical places is **1 century 10 years**.

b How much older is the Kuala Lumpur Railway Station, in years, compared to the Sultan Abdul Samad Building?

$1.3 \text{ centuries} - 1\frac{1}{4} \text{ centuries} = \text{ } \text{ years}$

$1.3 \text{ centuries} = (1.3 \times 100) \text{ years}$
 $= 130 \text{ years}$
 $1\frac{1}{4} \text{ centuries} = (\frac{5}{4} \times 100) \text{ years}$
 $= 125 \text{ years}$
 $1.3 \text{ centuries} - 1\frac{1}{4} \text{ centuries} = 5 \text{ years}$
 The Kuala Lumpur Railway Station is **5 years older** than the Sultan Abdul Samad Building.



In 2021, the Kuala Lumpur Railway Station is about 1.3 centuries old.

2 10	
130	years
- 125	years
5	years

D. Calculate./Hitung. LS4.3.1(vi), 4.3.2(vi) **PL3**

1. $\frac{9}{10}$ century – 36 years
 $\frac{9}{10}$ abad – 36 tahun

= years
 tahun

CENTURY	YEAR

2. $3\frac{1}{5}$ centuries – 112 years
 $3\frac{1}{5}$ abad – 112 tahun

= centuries
 abad years
 tahun

CENTURY	YEAR

3. $2\frac{3}{4}$ centuries – 108 years
 $2\frac{3}{4}$ abad – 108 tahun

= century
 abad years
 tahun

CENTURY	YEAR

4. 4.1 centuries – 1 century 90 years
 4.1 abad – 1 abad 90 tahun

= centuries
 abad years
 tahun

CENTURY	YEAR

5. 3.2 centuries – 1 century 48 years
 3.2 abad – 1 abad 48 tahun

= century
 abad years
 tahun

CENTURY	YEAR

6. 5 centuries 16 years – 2.7 centuries
 5 abad 16 tahun – 2.7 abad

= years
 tahun

CENTURY	YEAR

7. $1\frac{1}{5}$ centuries – 0.1 century
 $1\frac{1}{5}$ abad – 0.1 abad

= years
 tahun

CENTURY	YEAR

8. 3.4 centuries – $1\frac{7}{10}$ centuries
 3.4 abad – $1\frac{7}{10}$ abad

= century
 abad years
 tahun

CENTURY	YEAR