

DATE/DAY	:	28 JULY 2021 (WEDNESDAY)
Title	:	TIME AND DURATION
STANDARD CONTENT	:	Time Base Operation
LEARNING STANDARDS:	:	4.3.1(v) , 4.3.2 (v)
PERFORMANCE STANDARDS	:	Determine the correctness of the answer and solve sentences add and subtract time maths involving fractions and Decimal.
LEARNING OBJECTIVES :	:	Pupils are able to complete math sentences subtract time involves fractions and decimals; I) CENTURY AND DECADE
REFERENCES	:	MATHEMATICS TEXT BOOKS 5 PAGE 162 - 163

REFER AND STUDY THE NOTES BELOW THEN ANSWER ALL THE QUESTIONS

**Centuries and decades**

**1** **Age of banknotes in 2021**

Calculate the age difference between the two banknotes.

$\frac{1}{2}$  century -  $\frac{1}{10}$  century =  $\frac{1}{2}$  century

$$\begin{aligned}\frac{1}{2} \text{ century} - \frac{1}{10} \text{ century} &= \frac{1 \times 5}{2 \times 5} \text{ century} - \frac{1}{10} \text{ century} \\ &= \frac{5}{10} \text{ century} - \frac{1}{10} \text{ century} \\ &= \frac{4 \div 2}{10 \div 2} \text{ century} \\ &= \frac{2}{5} \text{ century}\end{aligned}$$

$\frac{1}{2}$  century -  $\frac{1}{10}$  century =  $\frac{2}{5}$  century

The age difference between the two banknotes is  $\frac{2}{5}$  century.

**2**  $7\frac{3}{5}$  centuries - 4 centuries 8 decades =  $\underline{\hspace{2cm}}$  centuries  $\underline{\hspace{2cm}}$  decades

$\frac{3}{5}$  century =  $(\frac{3}{5} \times 10)$  decades  
= 6 decades

Therefore,  
 $7\frac{3}{5}$  centuries = 7 centuries 6 decades.

Convert 1 century to 10 decades.  
Then, add 10 decades and 6 decades to make 16 decades.

century	decade
6	16
7	6
- 4	8
2	8

**BRAIN TEASER**

Complete this.

$1\frac{4}{5}$  centuries -  $\underline{\hspace{2cm}}$  century = 12 decades

4.3.1 (v) • Carry out subtraction activities involving centuries and decades using flash cards.  
• Discuss the history and changes of banknotes in Malaysia.

3 Calculate the age difference in the production of Proton Saga and Perodua Myvi models.

$$0.23 \text{ century} - 0.06 \text{ century} = \boxed{0.17} \text{ century}$$

$$\begin{array}{r} 113 \\ - 0.06 \\ \hline 0.17 \end{array}$$

1985 to 2008  
(0.23 century)



$$0.23 \text{ century} - 0.06 \text{ century} = \boxed{0.17} \text{ century}$$

The age difference in the production of Proton Saga and Perodua Myvi models is **0.17 century**.

2005 to 2011  
(0.06 century)

4  $14.2 \text{ centuries} - 3 \text{ centuries} 9 \text{ decades} = \boxed{10} \text{ centuries } \boxed{3} \text{ decades}$

$$\begin{aligned} 14.2 \text{ centuries} &= 14 \text{ centuries} + 0.2 \text{ century} \\ &= 14 \text{ centuries} + (0.2 \times 10) \text{ decades} \\ &= 14 \text{ centuries } 2 \text{ decades} \end{aligned}$$

century	decade
13	12
14	2
- 3	9
10	3

$$14.2 \text{ centuries} - 3 \text{ centuries } 9 \text{ decades} = \boxed{10} \text{ centuries } \boxed{3} \text{ decades}$$

5  $6\frac{1}{10} \text{ centuries} - 5.7 \text{ centuries} = \boxed{0.4} \text{ century}$

$$\begin{aligned} 6\frac{1}{10} \text{ centuries} &= 6 \text{ centuries} + \frac{1}{10} \text{ century} \\ &= 6 \text{ centuries} + 0.1 \text{ century} \\ &= 6.1 \text{ centuries} \end{aligned}$$

$$\begin{array}{r} 5.11 \\ - 5.7 \\ \hline 0.4 \end{array}$$

$$\begin{aligned} 0.4 \text{ century} &= (0.4 \times 10) \text{ decades} \\ &= 4 \text{ decades} \end{aligned}$$

$$6\frac{1}{10} \text{ centuries} - 5.7 \text{ centuries} = \boxed{0.4} \text{ century}$$

How many centuries and decades are there if  $2\frac{1}{5}$  centuries is subtracted from 4.1 centuries?



## INSTRUCTIONS

**PLEASE ANSWER EXERCISES IN DLP BOOSTER BOOKS PAGE 60 , QUESTIONS 1 TO 8.**

**C. Calculate./Hitung.** LS4.3.1(v), 4.3.2(v) **PL3**

1.  $2\frac{3}{10}$  centuries – 14 decades

$$2\frac{3}{10} \text{ abad} - 14 \text{ dekad}$$

$$= \boxed{\phantom{00}} \text{ decades} \\ \text{dekad}$$

CENTURY	DECADE

2. 6 centuries 1 decade –  $3\frac{1}{2}$  centuries

$$6 \text{ abad} 1 \text{ dekad} - 3\frac{1}{2} \text{ abad}$$

$$= \boxed{\phantom{00}} \text{ centuries} \\ \text{abad} \quad \boxed{\phantom{00}} \text{ decades} \\ \text{dekad}$$

CENTURY	DECADE

3. 4.8 centuries – 2 centuries 9 decades

$$4.8 \text{ abad} - 2 \text{ abad} 9 \text{ dekad}$$

$$= \boxed{\phantom{00}} \text{ century} \\ \text{abad} \quad \boxed{\phantom{00}} \text{ decades} \\ \text{dekad}$$

CENTURY	DECADE

4. 34 decades – 1.8 centuries

$$34 \text{ dekad} - 1.8 \text{ abad}$$

$$= \boxed{\phantom{00}} \text{ century} \\ \text{abad} \quad \boxed{\phantom{00}} \text{ decades} \\ \text{dekad}$$

CENTURY	DECADE

5.  $2\frac{1}{2}$  centuries – 1.4 centuries

$$2\frac{1}{2} \text{ abad} - 1.4 \text{ abad}$$

$$= \boxed{\phantom{00}} \text{ century} \\ \text{abad} \quad \boxed{\phantom{00}} \text{ decade} \\ \text{dekad}$$

CENTURY	DECADE

6.  $3\frac{1}{10}$  centuries – 0.7 century

$$3\frac{1}{10} \text{ abad} - 0.7 \text{ abad}$$

$$= \boxed{\phantom{00}} \text{ centuries} \\ \text{abad} \quad \boxed{\phantom{00}} \text{ decades} \\ \text{dekad}$$

CENTURY	DECADE

7. 4.2 centuries –  $1\frac{7}{10}$  centuries

$$4.2 \text{ abad} - 1\frac{7}{10} \text{ abad}$$

$$= \boxed{\phantom{00}} \text{ centuries} \\ \text{abad} \quad \boxed{\phantom{00}} \text{ decades} \\ \text{dekad}$$

CENTURY	DECADE

8. 8.4 centuries –  $3\frac{3}{5}$  centuries

$$8.4 \text{ abad} - 3\frac{3}{5} \text{ abad}$$

$$= \boxed{\phantom{00}} \text{ centuries} \\ \text{abad} \quad \boxed{\phantom{00}} \text{ decade} \\ \text{dekad}$$

CENTURY	DECADE