

MATH MODUL YEAR 5

DATE/DAY	:	2 AUGUST 2021 (MONDAY)
TITLE	:	TIME AND TIME
CONTENT STANDARDS	:	Solving problem questions
LEARNING STANDARDS	:	4.4.1
PERFORMANCE STANDARD	:	Solving routine problems involves time and time.

LEARNING OBJECTIVES : Students are able to solve problems related to time and time in daily situations.

REFERENCE : MATHEMATICS TEXTBOOK 5 M/S 166 - 170

NOTA / CONTOH :

SAMPLE QUESTION	Solutions
The picture below shows the period zaidi performed two activities in the morning. Calculate the total duration, in hours and minutes, of the two activities.  The total duration for the two activities is 1 hour 25 minutes.	Understand the problem $\frac{3}{4}$ hour spent on jogging, 40 minutes spent on breakfast. Find the total duration of time spent on both activities. Plan the strategy $\frac{3}{4}$ hour 40 minutes Solve $\frac{3}{4}$ hour + 40 minutes = hour minutes Convert $\frac{3}{4}$ hour to minutes. $\frac{3}{4}$ hour = $(\frac{3}{4} \times 60)$ minutes = 45 minutes Total up. $\begin{array}{r} 45 \text{ minutes} \\ + 40 \text{ minutes} \\ \hline 85 \text{ minutes} \end{array}$ Convert 85 minutes to hours and minutes. $\begin{array}{r} 85 \text{ minutes} \\ - 60 \text{ minutes} \\ \hline 25 \text{ minutes} \end{array}$ 1 hour Check $\begin{array}{r} 85 \text{ minutes} \\ - 40 \text{ minutes} \\ \hline 45 \text{ minutes} \end{array}$ 45 minutes = $(\frac{45 \div 15}{60 \div 15})$ hour = $\frac{3}{4}$ hour $\frac{3}{4}$ hour + 40 minutes = 1 hour 25 minutes

The total age of the two antique vases shown in the picture below is 318 years old. How old, in centuries and years, for that antique blue and white vase ?



WHITE BLUE
ANTIQUE VASE



The age of the antique blue and white vase is 2 centuries 3 years.

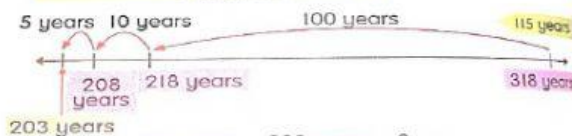
Solution

I use the working backward method.

$$+ 1.15 \text{ centuries} = 318 \text{ years}$$

Convert 1.15 centuries to years.

$$1.15 \text{ centuries} = (1.15 \times 100) \text{ years} \\ = 115 \text{ years}$$



$$203 \text{ years} = 200 \text{ years} + 3 \text{ years} \\ = 2 \text{ centuries } 3 \text{ years}$$

I check using this method.

$$\begin{array}{r} 318 \text{ years} \\ - 115 \text{ years} \\ \hline 203 \text{ years} \end{array}$$

$$203 \text{ years} = 200 \text{ years} + 3 \text{ years} \\ = (200 \div 100) \text{ centuries} + 3 \text{ years} \\ = 2 \text{ centuries } 3 \text{ years}$$

$$2 \text{ centuries } 3 \text{ years} + 1.15 \text{ centuries} = 318 \text{ years}$$

The blue and white antique vase is 2 centuries 3 years old.

Instructions:

PLEASE ANSWER EXERCISES IN DLP BOOSTER BOOK PAGE 1 AND 2 PAGE 62

Problem Solving
Penyelesaian Masalah

Solve the following problems. LS4.4.1 **PL4 PL5**
Selesaikan masalah berikut.

1. Encik Khairul attended a course from 20 February 2020 to 13 March 2020. How many days did he attend the course?
Encik Khairul menghadiri suatu kursus bermula dari 20 Februari 2020 hingga 13 Mac 2020. Berapa hariakah dia menghadiri kursus itu?



20 FEBRUARY 2020

29 FEBRUARY 2020

1 MARCH 2020

13 MARCH 2020

TOTAL

2. The table shows the service periods of three clerks in a company.
 Jadual di bawah menunjukkan tempoh perkhidmatan tiga orang kerani di sebuah syarikat.

Name>Nama	Service period/Tempoh perkhidmatan
Zara	1.3 decade/dekad
Diana	9 years more than Zara 9 tahun lebih daripada Zara
Vincent	$\frac{4}{5}$ decade/dekad

- (a) Convert the service periods of Zara and Vincent to years.
 Tukarkan tempoh perkhidmatan Zara dan Vincent kepada tahun.

- (b) Calculate the service period, in years, of Diana.
 Hitung tempoh perkhidmatan, dalam tahun, bagi Diana.

- (c) Who works the longest in the company?
 Siapakah yang berkhidmat paling lama di syarikat itu?

- (d) What is the difference in service period, in years, between Zara and Vincent?
 Berapakah beza tempoh perkhidmatan, dalam tahun, antara Zara dengan Vincent?

DECADES	YEARS

ANSWER :

YEARS