MATH MODUL YEAR 5

DATE/DAY	:	26 JULY 2021 (MONDAY)
TITLE	:	TIME AND DURATION
STANDARD CONTENT	:	Basic Operations Involving Time
LEARNING STANDARDS :		4.3.1(iii)(iv), 4.3.2(iii)(iv)
PERFORMANCE STANDARD	:	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) year and month ii) decade and year.
REFERENCE	:	**MATHEMATICS TEXTBOOK 5 M/S 158 - 161**

REFER AND STUDY THE NOTES BELOW

Years and months

1 a Find the age difference, in years, between the hamster and the rabbit.

$10\frac{1}{5}$ years $- 2\frac{1}{2}$ years = ☐ years

hamster's age: $2\frac{1}{2}$ years

rabbit's age: $10\frac{1}{5}$ years

$10\frac{1}{5}$ years $- 2\frac{1}{2}$ years

$= 10\frac{1 \times 2}{5 \times 2}$ years $- 2\frac{1 \times 5}{2 \times 5}$ years

$= 10\frac{2}{10}$ years $- 2\frac{5}{10}$ years

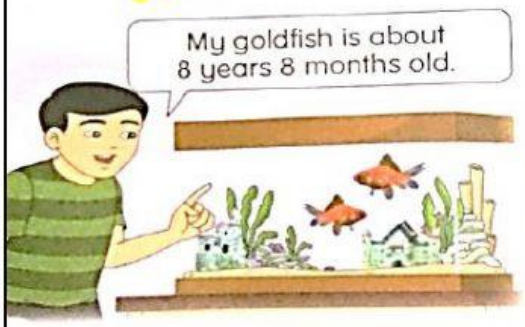
$= 9\frac{12}{10}$ years $- 2\frac{5}{10}$ years

$= 7\frac{7}{10}$ years

$10\frac{1}{5}$ years $- 2\frac{1}{2}$ years = $7\frac{7}{10}$ years

The age difference between the hamster and the rabbit is $7\frac{7}{10}$ years.

b What is the age difference between the hamster and the goldfish?



8 years 8 months $- 2\frac{1}{2}$ years

= ☐ years ☐ months

$\frac{1}{2}$ year = $(\frac{1}{2} \times 12)$ months

= 6 months

year	month
8	8
− 2	6
6	2

Therefore, $2\frac{1}{2}$ years = 2 years 6 months.

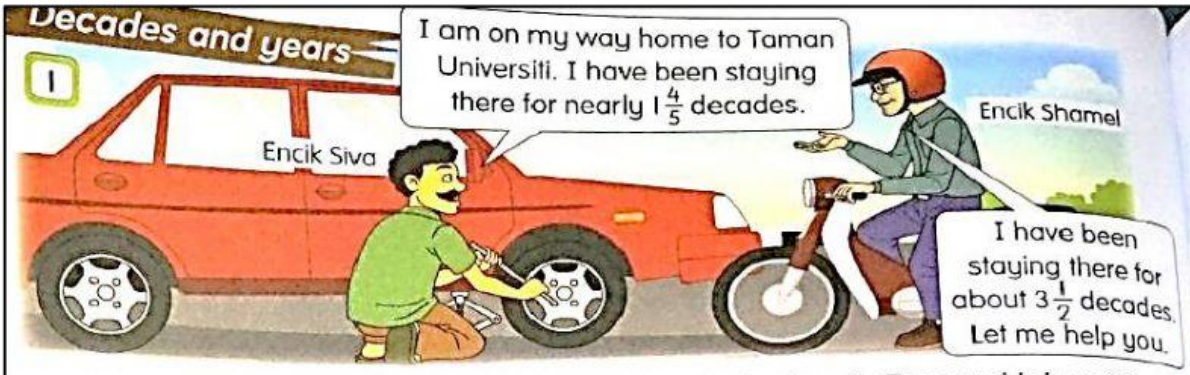
8 years 8 months $- 2\frac{1}{2}$ years = **6** years **2** months

The age difference between the hamster and the goldfish is **6 years 2 months**.

State the above answer in months.

Decades and years

1



How much longer has Encik Shamel been staying in Taman Universiti compared to Encik Siva?

$3\frac{1}{2}$ decades $- 1\frac{4}{5}$ decades = ____ decades

$3\frac{1}{2}$ decades $- 1\frac{4}{5}$ decades $= 3\frac{1 \times 5}{2 \times 5}$ decades $- 1\frac{4 \times 2}{5 \times 2}$ decades

$= 3\frac{5}{10}$ decades $- 1\frac{8}{10}$ decades

$= 2\frac{15}{10}$ decades $- 1\frac{8}{10}$ decades

$= 1\frac{7}{10}$ decades

$3\frac{1}{2}$ decades $- 1\frac{4}{5}$ decades = $1\frac{7}{10}$ decades

Encik Shamel has been staying in Taman Universiti $1\frac{7}{10}$ decades **longer** than Encik Siva.

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2 9 decades $- 6\frac{3}{10}$ decades = ____ decades ____ years

1 decade = $(\frac{3}{10} \times 10)$ years
= 3 years

decade	year
8	10
~~9~~	~~0~~
− 6	3
2	7

Convert 9 decades to 8 decades 10 years.

9 decades $- 6\frac{3}{10}$ decades = **2** decades **7** years

Instructions:

PLEASE ANSWER EXERCISE HERE TYPE THE CORRECT NUMBER AFTER ANSWERING IN YOUR DLP BOOSTER BOOKS PAGE 59, QUESTIONS 1 TO 6

B. Calculate./*Hitung.* LS4.3.1(iii), (iv), LS4.3.2(iii), (iv) PL3

1. $4\frac{1}{6}$ years – 1 year 5 months

$4\frac{1}{6}$ *tahun – 1 tahun 5 bulan*

= ☐ years *tahun* ☐ months *bulan*

YEAR	MONTH

2. $1\frac{1}{2}$ years – 0.25 year

$1\frac{1}{2}$ *tahun – 0.25 tahun*

= ☐ year *tahun* ☐ months *bulan*

YEAR	MONTH

3. $\frac{5}{6}$ year – 0.75 year

$\frac{5}{6}$ *tahun – 0.75 tahun*

= ☐ month *bulan*

YEAR	MONTH

4. 5.7 decades – 1 decade 8 years

5.7 dekad – 1 dekad 8 tahun

= ☐ decades *dekad* ☐ years *tahun*

DECADE	YEAR

5. $\frac{9}{10}$ decade – 0.6 decade

$\frac{9}{10}$ *dekad – 0.6 dekad*

= ☐ years *tahun*

DECADE	YEAR

6. 2.7 decades – $\frac{1}{5}$ decade

2.7 dekad – $\frac{1}{5}$ *dekad*

= ☐ decades *dekad* ☐ years *tahun*

DECADE	YEAR