

DATE / DAY : 18TH AUGUST 2021 (WEDNESDAY)

TITLE : TIME AND TIME

CONTENT STANDARDS : Troubleshooting

STANDARD OF LEARNING : 4.6.1

PERFORMANCE STANDARDS : Solving day problems routinely arguments units Time.

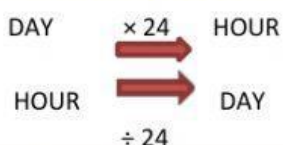
LEARNING OBJECTIVES : Students can solve problems related to time and time in day and week

REFERENCE : MATHEMATICS TEXTBOOK YEAR 4 PAGE 164 - 166

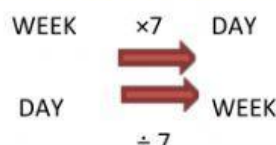
NOTE / EXAMPLE :

### NOTA

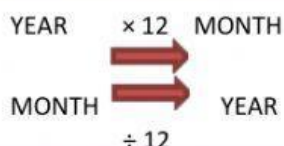
1 DAY = 24 HOUR



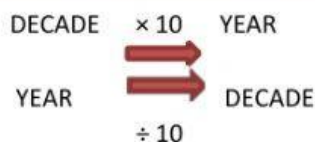
1 WEEK = 7 DAY



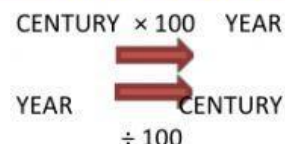
1 YEAR = 12 MONTH



1 DECADE = 10 YEAR



1 ABAD = 100 YEAR



### CONTOH

Amer and his family boarded a plane to destination A and on to destination B. Did Amer and his family be on a plane over 6 HOUR?



Mathematical Text :

Destination period A :

13 HOUR 10 minutes – 10 HOURS 35 minutes

= 2 HOUR 35 HOUR

Destination period B :

20 HOUR 20 minutes – 16 HOUR 15 minutes

= 4 HOUR 5 minutes

Total Duration :

Destination A + Destination B

= 2 HOUR 35 minutes + 4 HOURS 5 minutes =

6 HOURS 40 minutes

### PENYELESAIAN

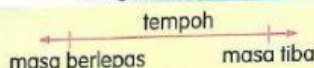
• Fahami soalan •

| Destinasi     | A        | B        |
|---------------|----------|----------|
| Masa berlepas | Jam 1035 | Jam 1615 |
| Masa tiba     | Jam 1310 | Jam 2020 |

Tentukan tempoh di dalam kapal terbang sama ada melebihi 6 jam.

• Fikir cara •

Tempoh ialah beza antara masa berlepas dengan masa tiba.



• Selesaikan •

| tempoh A |       | tempoh B |       | jumlah tempoh |       |
|----------|-------|----------|-------|---------------|-------|
| jam      | minit | jam      | minit | jam           | minit |
| 12       | 70    | 20       | 20    | 2             | 35    |
| - 13     | 10    | - 16     | 15    | + 4           | 5     |
| - 10     | 35    | 4        | 5     | 6             | 40    |
| 2        | 35    |          |       |               |       |

Jumlah tempoh penerbangan 6 jam 40 minit adalah melebihi 6 jam.

• Semak •

|     |       |                                      |
|-----|-------|--------------------------------------|
| jam | minit |                                      |
| 6   | 40    | jumlah tempoh di dalam kapal terbang |
| - 4 | 5     | tempoh di dalam kapal terbang B      |
| 2   | 35    | tempoh di dalam kapal terbang A      |

Ya, Amer dan keluarganya berada di dalam kapal terbang melebihi 6 jam, iaitu selama 6 jam 40 minit.

Supardi, Mahendran and Yee Shin each managed to collect

1 000 marks from friends on social media over different periods. 

a) Calculate the period taken by Mahendran.

**Mathematical Text :**

**20 WEEK 2 DAY + 9 DAY = 21 WEEK 4 DAY**

b) How much is the difference between the period taken by Yee Shin and Mahendran?

**Mathematical Text :**

**21 WEEK 4 DAY – 18 WEEK 6 DAY = 2 WEEK 5 DAY**

a) 20 minggu 2 hari + 9 hari =  minggu  hari

| minggu | hari |
|--------|------|
| 20     | 2    |
| +      | 9    |
| 20     | 11   |
| + 1    | - 7  |
| 21     | 4    |

20 minggu 2 hari + 9 hari = 21 minggu 4 hari

Tempoh yang diambil oleh Mahendran ialah 21 minggu 4 hari.

b) 21 minggu 4 hari – 18 minggu 6 hari =  minggu  hari

| minggu | hari |
|--------|------|
| 20     | 11   |
| 21     | 4    |
| - 18   | 6    |
| 2      | 5    |

21 minggu 4 hari – 18 minggu 6 hari = 2 minggu 5 hari

Beza antara tempoh yang diambil oleh Yee Shin dengan Mahendran ialah 2 minggu 5 hari.

**INSTRUCTIONS:**

ANSWER THE EXERCISES IN THE MATHEMATICAL DLP BOOSTER WORKBOOK PAGE 69, QUESTIONS 1 - 4.

**Problem Solving/Penyelesaian Masalah**

Solve the following problems. LS4.6.1 **PL4**  
Selesaikan masalah berikut.

1. Alias leave town A at 9:25 in the morning and arrived at town B at 1 o'clock in the afternoon. Calculate the duration of his journey.  
Alias bertolak dari bandar A pada pukul 9:25 pagi dan tiba di bandar B pada pukul 1 petang. Hitung tempoh masa perjalanannya.

2. Syam is 25 years old. Syam's age is 2 times of Rais's age. How old is Rais?  
Umur Syam ialah 25 tahun. Umur Syam adalah 2 kali umur Rais. Berapakah umur Rais?

3. The table shows the time taken by Poh Lin to finish two projects.  
Jadual di bawah menunjukkan masa yang diambil oleh Poh Lin untuk menyiapkan dua buah projek.

| Project/Projek  | Duration/Tempoh masa          |
|-----------------|-------------------------------|
| Science/Sains   | 1 day 10 hours/1 hari 10 jam  |
| History/Sejarah | 2 days 18 hours/2 hari 18 jam |

Calculate the total time taken to finish the two projects.  
Hitung jumlah masa untuk menyiapkan kedua-dua projek itu.

4. The table shows the duration taken by Uranus and Neptune to make a complete rotation around the sun.  
Jadual di bawah menunjukkan tempoh yang diambil oleh planet Uranus dan Neptun untuk membuat satu putaran lengkap mengelilingi Matahari.

| Planet/Planet  | Duration/Tempoh                     |
|----------------|-------------------------------------|
| Uranus/Uranus  | 8 decades 4 years/8 dekad 4 tahun   |
| Neptune/Neptun | 16 decades 5 years/16 dekad 5 tahun |

Calculate the difference between the duration taken by the two planets. Give the answer in years.  
Hitung beza tempoh yang diambil oleh kedua-dua planet itu. Beri jawapan dalam tahun.

| DECADE | YEAR |
|--------|------|
|        |      |
|        |      |