

Content for Friday 01-05-2020

CHANGING FROM 12 HOUR CLOCK TO 24 HOUR CLOCK SYSTEM

NOTE

1. Any AM time (1:00 AM to 11:59 AM), we add 00:00 hrs when changing to 24 hour clock system.
2. Any PM time from (1:00 PM to 11:59 PM) we add 12:00 hrs when converting to 24 hours

Examples 1

Change into 24 hour clock system :

a) 2:30 am .	6:15 am	1:30 am .
2:30	= 6:15	= 1:30
+ 00:00hrs	+ 00:00hrs	+ 00:00HRS
<u>02:30 hours</u>	<u>06:15 hrs</u>	<u>01:30HRS</u>

Examples Case 2

Change the following in 24 hour clock system.

$$\begin{array}{l} \text{a) } 2:30 \text{ pm} \\ = 2:30 \\ + 12:00 \text{ hrs} \\ \hline 14:30 \text{ hrs} \end{array}$$

$$\begin{array}{l} \text{b) } 1:00 \text{ pm} \\ = 1:00 \\ + 12:00 \text{ hrs} \\ \hline 13:00 \text{ hrs} \end{array}$$

$$\begin{array}{l} \text{c) } 9:15 \text{ pm} \\ = 9:15 \\ + 12:00 \text{ hrs} \\ \hline 21:15 \text{ hrs} \end{array}$$

Any mid night time from (12:00am to 12:59am), we subtract 12:00hrs when changing to 24 hour clock system.

Examples

Write the following in 24 hr clock system

$$\begin{array}{l} \text{a) } 12:45 \text{ am} \\ = 12:45 \\ - 12:00 \text{ hrs} \\ \hline 00:45 \text{ hrs} \end{array}$$

$$\begin{array}{l} \text{b) } 12:30 \text{ am} = 00:30 \text{ hrs} \\ 12:00 \text{ midnight} = 00:00 \text{ hrs} \end{array}$$

Answers for Friday 1-5-2020 (MK p.7 MTC Pg 158)

PART A		PART B	
1	$1:00 \text{ a.m.}$ $1:00$ $+ 00:00 \text{ hrs}$ <hr/> $01:00 \text{ hrs}$	3	$12:55 \text{ pm}$ $= 12:55 \text{ hrs}$
2	$6:00 \text{ pm}$ $6:00$ $+ 12:00 \text{ hrs}$ <hr/> $18:00 \text{ hrs}$	4	$12:40 \text{ am}$ $12:40$ $- 12:00 \text{ hrs}$ <hr/> $00:40 \text{ hrs}$
		5	$01:00 \text{ hrs}$ $- 00:00 \text{ hrs}$ <hr/> $1:00 \text{ am}$
		6	$08:30 \text{ hrs}$ $- 00:00 \text{ hrs}$ <hr/> $8:30 \text{ am}$
		7	$17:45 \text{ hrs}$ $- 12:00 \text{ hrs}$ <hr/> $5:45 \text{ pm}$
			$12:45 \text{ hrs}$ $- 00:00 \text{ hrs}$ <hr/> $12:45 \text{ pm}$