

Unit : - Time

No. of Periods: 06

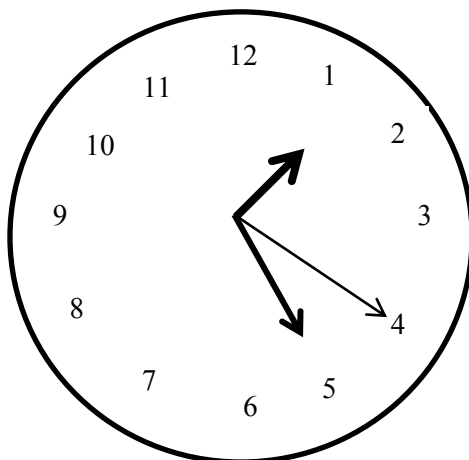
- Describe the three hands of a clock correctly.
- Thoroughly understand the page 39 and 40 in your text book.
- Write the relationship among the hour hand , minute hand and second hand.

1 hour = 60 minutes

1 minute = 60 seconds

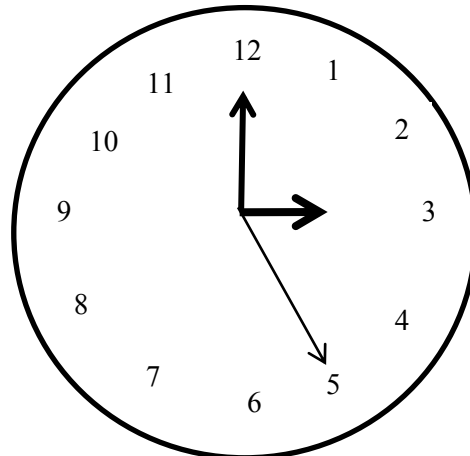
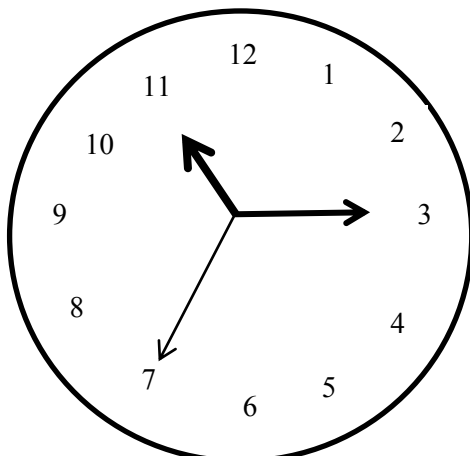
Write down the time denoted by a clock in terms of hours , minutes and seconds.

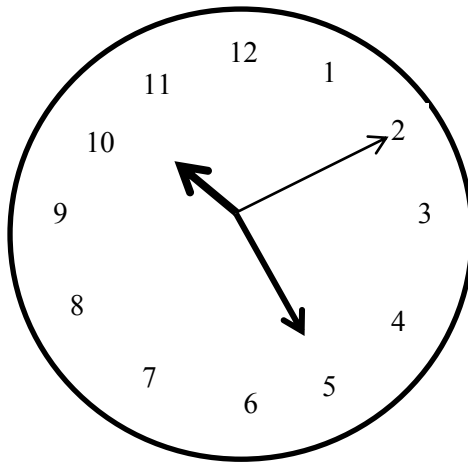
Ex :-



Time: 01.25.20

Write down the time denoted by the clock faces below, in terms of hours , minutes and seconds.





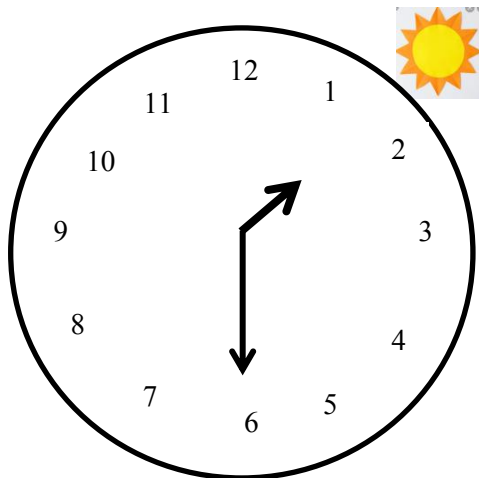
Complete the exercise 4.1 in the page 40 of the text book.

- Thoroughly understand the page 41 in your text book.
- Describe 12 noon, 12 midnight, ante meridiem and post meridiem correctly.

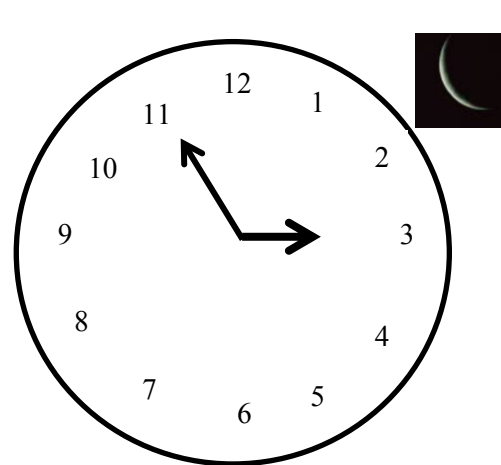
1 day = ante meridiem 12 hours + post meridiem 12 hours = 24 hours

Write the time denoted by the following clock faces in ante meridiem or post meridiem. (Identify the ante meridiem and post meridiem by the sun and moon.)

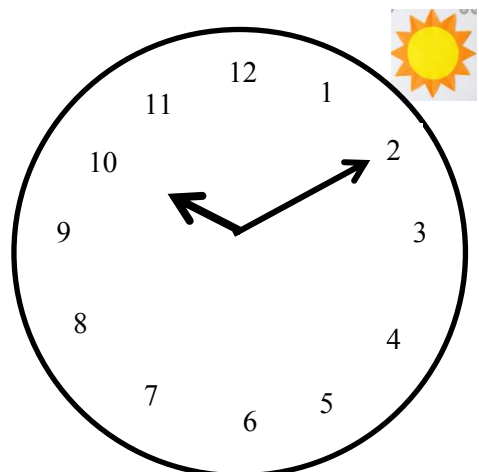
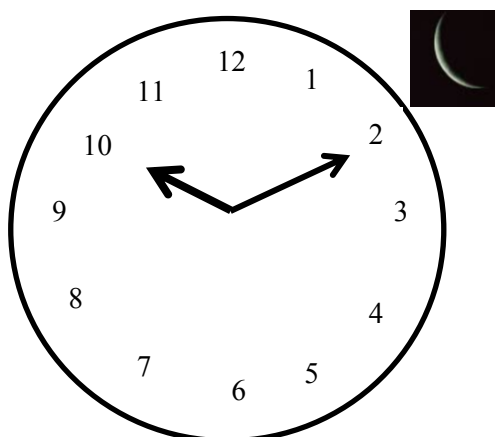
Ex :-

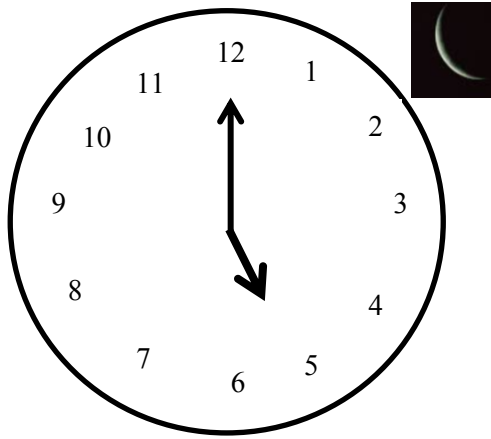


Ante meridiem 1.30



post meridiem 2.55





Look at the page 43 of your text book. Correctly understand the way of writing the time written in a 12 hour clock, in standard form

➤ Match.

Time according to the 12 hour clock	Time according to the standard form
2.00 a.m.	09:45
4.30 a.m.	16:30
9.45 a.m.	02:00
11.30 a.m.	12:00
4.30 p.m.	24:00
7.45 p.m.	04:30
12.00 noon	11:30
12.00 midnight	19:45

- Complete the exercise 4.2 in the page 44 and 45 of the text book.
- Explain the way of writing year, month and date in standard form.

31st of December, 2020 is represented in international standard form as 2020-12-31.

Write the dates shown below in the standard form.

- 1) 17th of January 1987
- 2) 8th of March 2010
- 3) 1st of July 2015
- 4) 11th of August 2021

- Look at the page 45 of the text book. Identify the difference between the units used to measure the time.

1 minute = 60 seconds

➤ Fill the tables below.

Minutes	Seconds
2	$2 \times 60 = 120$
8	
30	
58	

Seconds	Minutes
120	$120 \div 60 = 2$
300	
240	
420	

- Look at the page 46 of the text book. Complete the exercise 4.3.
- Read at the page 46 of the text book. Identify the relationship between the hour and minute.

1 hour = 60 minutes

- Complete the exercise 4.5 in the page number 47 and 48 of the text book.
- Complete the exercise 4.6 in the page number 48 and 49 of the text book.
- Read at the page 49 of the text book. Identify the relationship between a day and hour.

1 day = 24 hours

To represent a time given in hours, in terms of days, the given number of hours needs to be divided by 24.

- Complete the exercise 4.7 in the page number 49 and 50 of the text book.
- Thoroughly understand the page 50 and 51 in your text book. Clearly understand about finding the amount of time taken for an event.

Ex :- Morning Assembly in a school starts at 7.30 a.m. Concluded at 8.45 a.m. Find the time taken for this.

hours	minutes
8	45
- 7	30
1	15

Time: 1 hour and 15 minutes

Ex :- The sport meet started at 8.30a.m. in Sirisumana Vidyalaya. It was ended at 3.40 p.m. Find the time elapsed for the sport meet.

Starting time = 08:30

Ending time = 15:40

Duration = 15:40 - 08:30
= 7 hours and 10 minutes

- Thoroughly understand the example 1 and 2 in page 51 and 52 in your text book.
- Complete the exercise 4.8 in the page number 51, 52, 53 and 55 of the text book.
- Thoroughly understand the page 55 in your text book. Clearly understand the method used to do additions related to time.
- Learn the example 1 and 2 in page 56 in your text book.

Ex :-

	Hours	minutes
	15	20
+	10	30
	25	50

	Hours	minutes
	1	
	8	40
+	2	35
	11	75

60 + 15
 ↓
1

- Complete the exercise 4.9 in the page number 57 and 58 of the text book.
- Thoroughly understand the pages 58 and 59 in your text book. Clearly understand the method used to do subtractions related to time.
- Learn the example 1, 2, 3 and 4 in pages 58 and 59 in your text book.
- Complete the exercise 4.10 in the page number 59 and 60 of the text book.
- Complete the miscellaneous exercise in the page numbers 60 and 61, correctly and solve the problems you face.