11 Time and Days
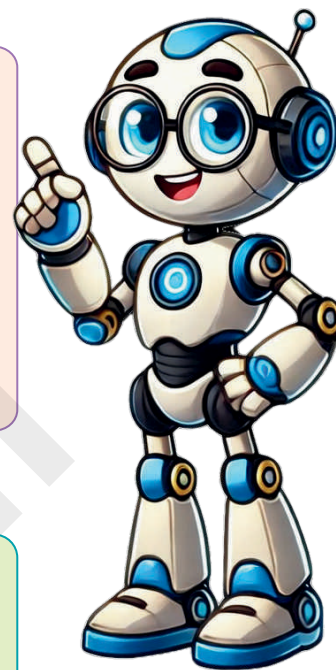
We'll cover the following key points:

→ Time
→ Half-hour
→ Days of a Week
→ Calendar
→ Months and Days

Do you Remember fundamental concept in previous class:
In class 1ˢᵗ we learnt

→ Months of a Year
→ Reading Calendar
→ Measuring Time
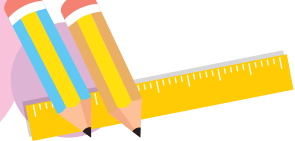→ Clock
→ Reading the Clock

Hi, I'm EeeBee

Still curious? Talk to me by scanning the QR code.

Learning Outcomes

**By the end of this chapter, students will be able to:**

- Understand and tell the time to the nearest hour on a clock.
- Recognize and tell the time to the nearest half-hour on a clock (e.g., 3:30, 4:30).
- Know the names of the days of the week and their order (e.g., Monday, Tuesday, etc.).
- Identify and use a calendar to find the day of the week for any date.
- Understand how many days are in each month (e.g., 30 days in September, 31 in January).
- Know the number of days in a year (365 days) and that a leap year has 366 days.
- Learn to count the months of the year and know their names (e.g., January, February, etc.).
- Understand the concept of today, tomorrow, and yesterday in relation to days and time.

Warm Up

What time of the day is it?

Tick (✓) the most appropriate time.
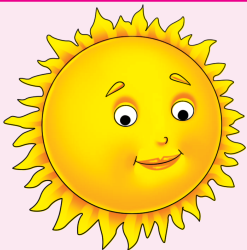
Time to wake up
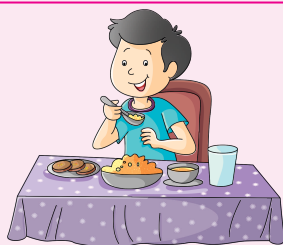- ○ 2 o'clock ☐
- ○ 5 o'clock ☐
- ○ 9 o'clock ☐

Time to brush your teeth
- ○ 6 o'clock ☐
- ○ 10 o'clock ☐
- ○ 1 o'clock ☐

Time for breakfast
- ○ 10 o'clock ☐
- ○ 1 o'clock ☐
- ○ 7 o'clock ☐

Time for school
- ○ 6 o'clock ☐
- ○ 8 o'clock ☐
- ○ 11 o'clock ☐

Study time in school
- ○ 8 to 2 o'clock ☐
- ○ 8 to 8 o'clock ☐
- ○ 12 to 3 o'clock ☐

Time for lunch
- ○ 9 o'clock ☐
- ○ 10 o'clock ☐
- ○ 1 o'clock ☐

Time to go home
- ○ 2 o'clock ☐
- ○ 12 o'clock ☐
- ○ 9 o'clock ☐

Time to play
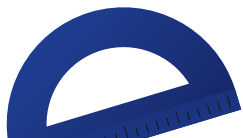- ○ 7 o'clock ☐
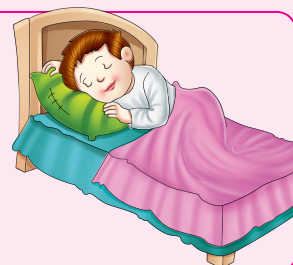- ○ 8 o'clock ☐
- ○ 5 o'clock ☐
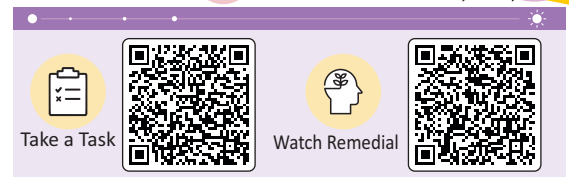
Time for homework
- ○ 6 to 8 o'clock ☐
- ○ 8 to 10 o'clock ☐
- ○ 2 to 5 o'clock ☐

Time for bed
- ○ 9 o'clock ☐
- ○ 12 o'clock ☐
- ○ 2 o'clock ☐

Time

Observe the face of the clock.
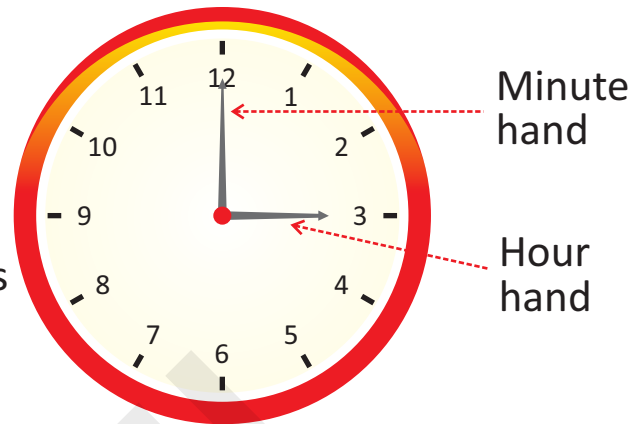
Numbers from 1 to 12 are given on it.

The clock has two hands.

The long hand is the minute hand. It indicates time in minutes.

The short hand is the hour hand. It indicates time in hours.

Minute hand

Hour hand

Now, look at the following clocks to know the time:

The minute hand is at 12.
The hour hand is at 4.
The time is 4 o'clock.

The minute hand is at 12
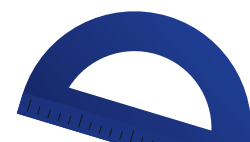The hour hand is at 8.
The time is 8 o'clock.

9 o'clock

It is quarter past eight
or 08:15

It is quarter to eleven
or 10:45

REMEMBER

After every hour, the minute hand always points to 12.

Half-hour

The minute hand is at 6.
The hour hand is between 1 and 2.
The time is half-past 1.

Half-past 6

At the half-hour, the minute hand always points to 6.

Take a Task

Watch Remedial

The minute hand is at 6.
The hour hand is between 2 and 3.
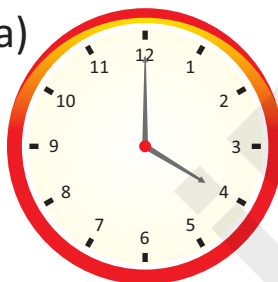The time is half-past 2.

Half-past 10

Exercise 10.1

1.   Write the time shown on each clock. One has been done for you.

(a)

4 o'clock

(b)

(c)
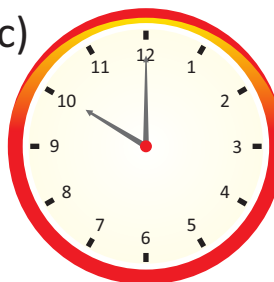
(d)
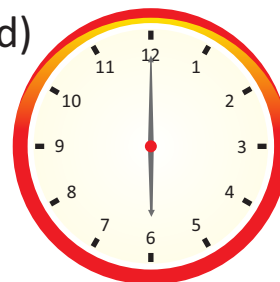
2.   Draw the hour hand and minute hands to show the time.

(a)
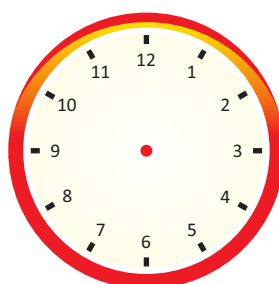
6 o'clock

(b)

10 o'clock

(c)

07:15

Math-2
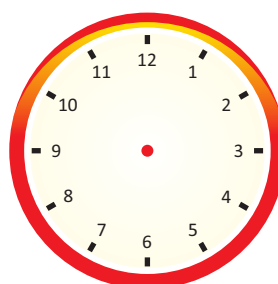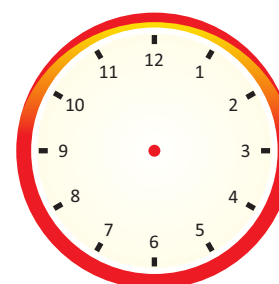
3. **Read each clock and write the time in the box. One has been done for you.**

(a)

Half-past 10

(b)

(c)

(d)

(e)

(f)

(g)

(h)

(i)
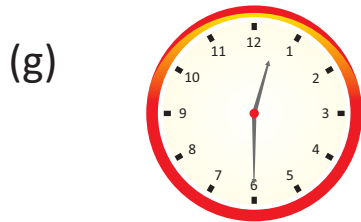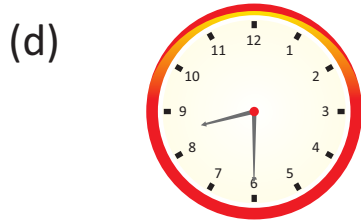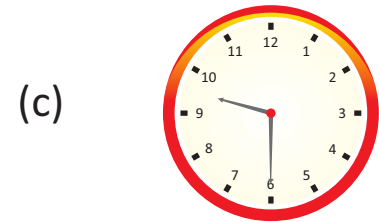
4. **Draw the hour-hand and the minute-hand on the clock face to show the given time. One has been done for you.**
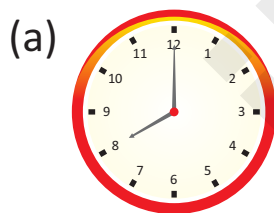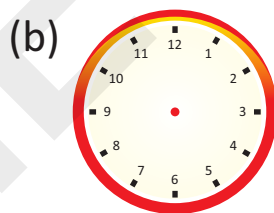
(a)

8 o'clock

(b)

6 o'clock

(c)

2 o'clock

(d)

11 o'clock

(e)

Half past 9

(f)

Half past 6

(g)

Half past 3

(h)
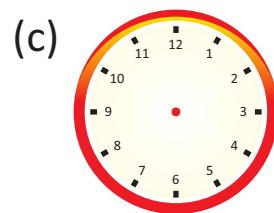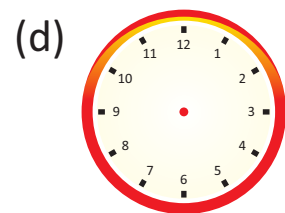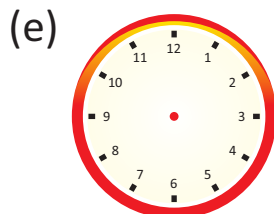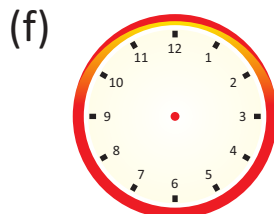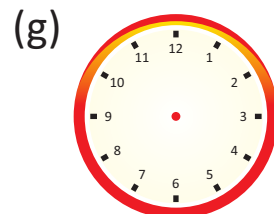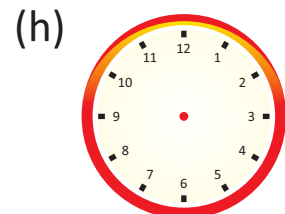
Half past 12
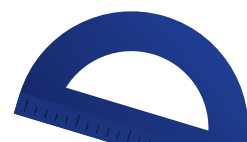
✓ The hour-hand of a clock takes one hour to move from one numeral to the next.
✓ The minute-hand takes one hour to come back to the same numeral.

One hour = 60 minutes

✓ A clock shows 12 o'clock both at noon and at mid-night.
✓ The duration of the time from one mid-night to next mid-night forms a day.

1 day = 24 hours   1 hour = 60 minutes

Days of a Week

Hour is the unit of measurement of time, but the long periods of time are measured in days, weeks, months and years.

| Monday | ⇢ | Tuesday | ⇢ | Wednesday | ⇢ | Thursday |
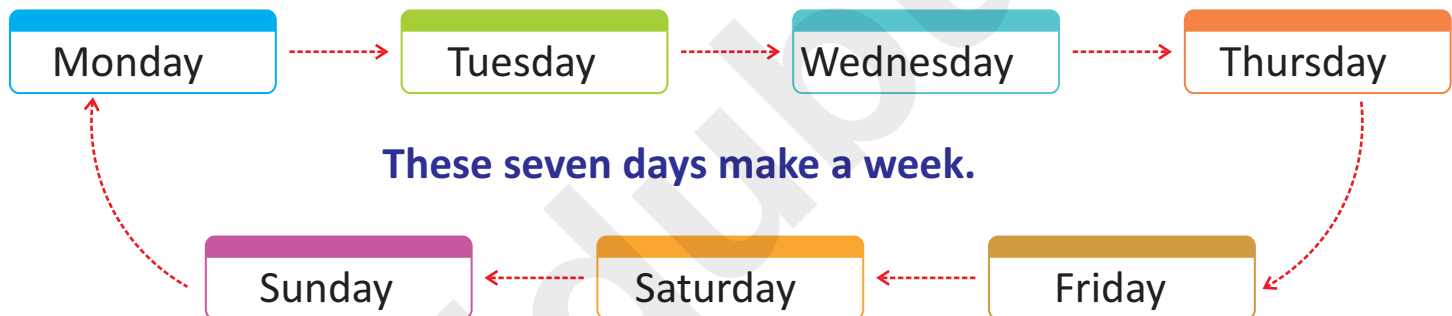
These seven days make a week.

| Sunday | ⇠ | Saturday | ⇠ | Friday |

First day of the week is Monday.

Second day of the week is Tuesday.

Third day of the week is Wednesday.

Fourth day of the week is Thursday.

Fifth day of the week is Friday.

Sixth day of the week is Saturday.

Seventh day of the week is Sunday.

Take a Task

Watch Remedial

1.   Answer the following:

(a)   Which day comes after Tuesday? | Wednesday |

(b)   Which day comes after Saturday? | |

(c)   Which day comes after Wednesday? | |

(d)   Which day comes before Monday? | |

2.   Fill in the blanks.

(a)   The day before Monday was _____ .

(b)   If today is Saturday, yesterday was _____ and tomorrow will be _____ .

(c)   The day which comes after Tuesday is _____

(d)   The day before Friday was _____ .

Calendar

Take a Task

Watch Remedial

There are 12 months in a year and 365 days in an ordinary year.

Calendar-2022

January
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

February
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

March
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

April
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

June
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

July
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

August
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

October
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Months and Days

Months	Number of Days	Months	Number of Days
January	31	July	31
February	28 or 29	August	31
March	31	September	30
April	30	October	31
May	31	November	30
June	30	December	31

There is an easy way to remember the number of days in a month.

Remember the poem

Thirty days hath September,

April, June and November;

The rest have thirty one,

Excepting February alone,

and that has twenty-eight days clear.

and twenty-nine in each leap year.

Take a Task

Watch Remedial

Exercise 11.3

Fill in the blanks.

1. January comes before _____ .

2. A year has _____ months.

3. May comes after _____ .

4. August comes after _____ .

5. Which is the ninth month of the year? _____ .

6. Which is the sixth month of the year? _____ .

7. Which is the fifth month of the year? _____ .

8. Which is the first month of the year? _____ .

9. July comes before _____ .

10. October comes after _____ .

Math-2

Tick (✓) the correct options.

(a)   How many days does February have in a leap year?

(i)   28 ☐   (ii) 29 ☐   (iii) 30 ☐   (iv) 31 ☐

(b)   How many seconds make one minute?

(i)   90 ☐   (ii) 50 ☐   (iii) 60 ☐   (iv) 100 ☐

(c)   Which day comes just after Sunday?

(i)   Saturday ☐   (ii) Monday ☐

(iii) Friday ☐   (iv) Tuesday ☐

(d)   Which one of the following is the sixth month of a year?

(i)   April ☐   (ii) June ☐   (iii) October ☐   (iv) March ☐

(e)   How many minutes make one hour?

(i)   60 ☐   (ii) 75 ☐   (iii) 50 ☐   (iv) 100 ☐

Think Tank

Gap Analyzer™

1.   **Tick (✓) the correct answer.**

(a)   _____ is the unit of measurement of time.

(i)   Second ☐   (ii) Hour ☐   (iii) Minute ☐

(b) There are _____ days in a year.

(i)   637 ☐   (ii) 365 ☐   (iii) 635 ☐

(c)   What time show in clock?

(i)   03:10 ☐   (ii) 02:30 ☐   (iii) 02:15 ☐

(d) Which day comes before friday?

(i) Saturday ☐   (ii) Thursday ☐   (iii) Sunday ☐

2. Fill in the blanks.

(a) _____ comes after Tuesday.

(b) _____ comes after Thursday.

(c) The seventh month of the year is _____ .

(d) The last month of the year is _____ .

(e) _____ comes after September.

(f) _____ months make a year.

(g) _____ days make a week.

(h) April has _____ days.
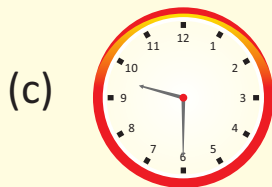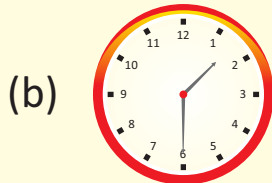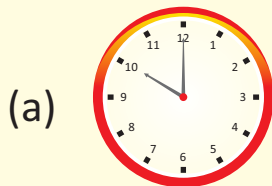
3. Write the time shown on each clock.

(a)

_____

(b)

_____

(c)

_____

(d)

_____

(e)

_____

(f)

_____

4. Match the clocks with the times:

Column A

(a)

(b)

(c)

Column B

(i) Half past 9

(ii) 10 o'clock

(iii) Half past 1

As Per **NEP** 2020 **Experiential Learning**

Math Puzzle

Solve the puzzle:

Across.

1. First month of the year.
2. Second day of the week.

Down.

3. Sixth month of the year.
4. First day of the week.

HOTS What time does the clock show? Fill in the blanks with 'before' or 'after'.

As Per **NEP** 2020 **Critical Thinking**

_____ half past 2

_____ half past 9

_____ half past 2