



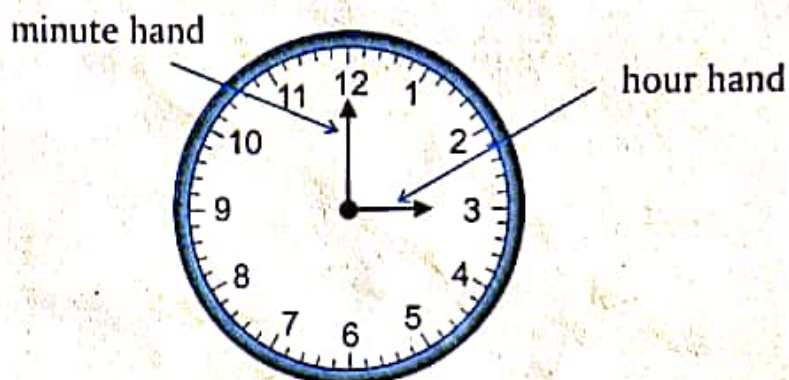
TIME

Look at the clock.

The hour hand is at 3.

The minute hand is at 12.

So, the time by this clock is 3 'o' clock or 3:00.



The long hand of the clock is called minute hand and short hand is called hour hand.

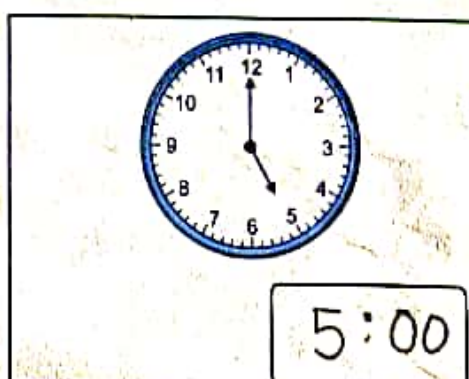
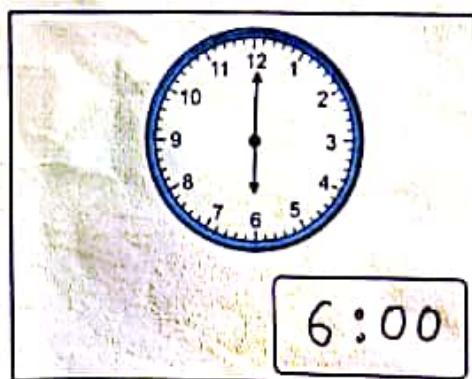
There are 24 hours in a day. The hour hand takes one hour to move from one number to the next. It completes one round of the clock face every twelve hours.

The minute hand, however, moves faster than hour hand and completes one round of the clock face in one hour.

Activity-1

Do you remember

1. Write the time.



2. Fill in the blanks.

- (a) There are24..... hours in a day.
- (b) The long hand of a clock is also called ..Minute.. hand.
- (c) The short hand of a clock is also called ..Hour... hand.
- (d) The long hand completes one round of the clock in ...1 Hour..

Reading Time

Half of an hour is 30 minutes



Quarter of an hour is 15 minutes



Quarter past the hour

The minute hand is no longer on 12. It is at 3.

This means 'quarter past'.

The hour hand is slightly beyond 2.

The time is 'quarter past 2' or 'two fifteen'.

We write it as 2 : 15 .



Quarter to the hour

The minute hand is at 9.

This means 'quarter to'.

The hour hand is between 2 and 3 but nearer to 3.

The time is 'quarter to 3' or 'two forty five'.

We write it as 2 : 45 .



1
24.5
2
6
37.5
2.5
0

Half past the hour

The minute hand is at 6.

This means 'half an hour' has passed.

The hour hand is between 1 and 2.

So, the time is 'half past 1' or 'one thirty'.

We write it as $1 : 30$.



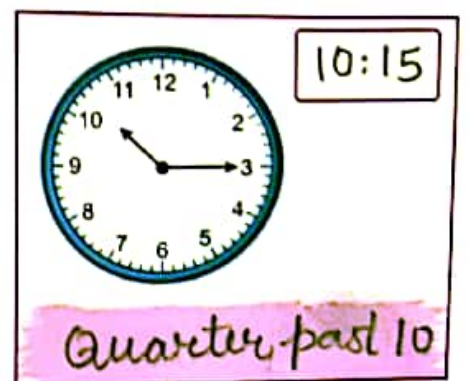
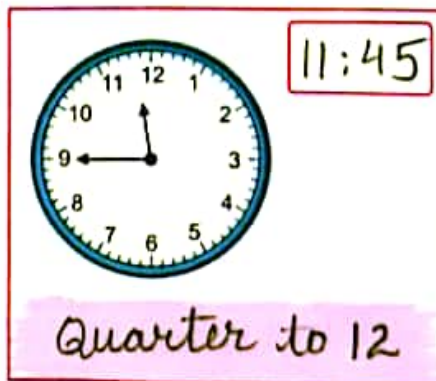
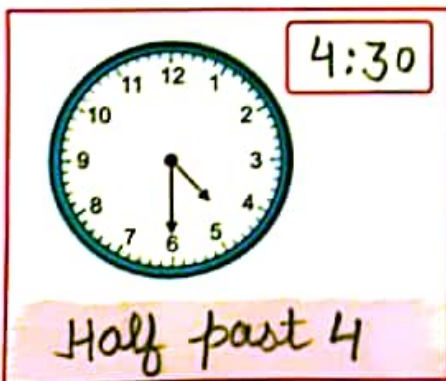
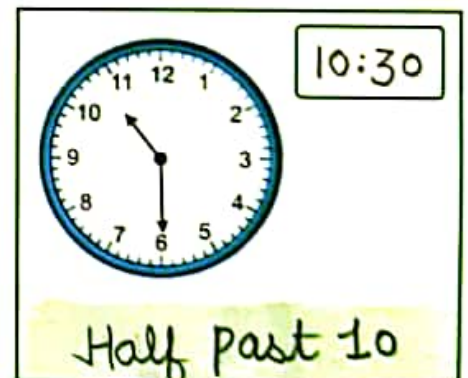
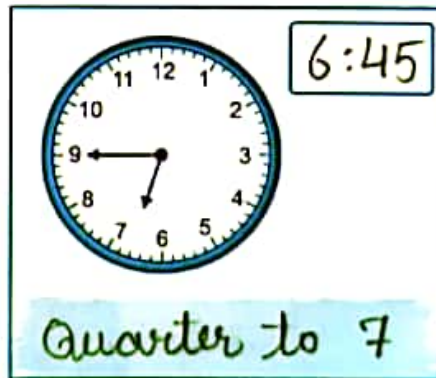
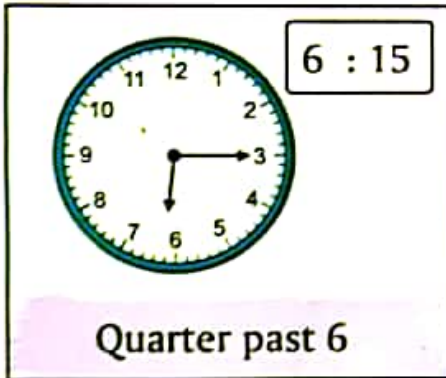
When the minute hand is on the left hand side of the clock, we read it as - to the hour.



When the minute hand is on the right hand side of the clock, we read it as - past the hour.

Activity-2

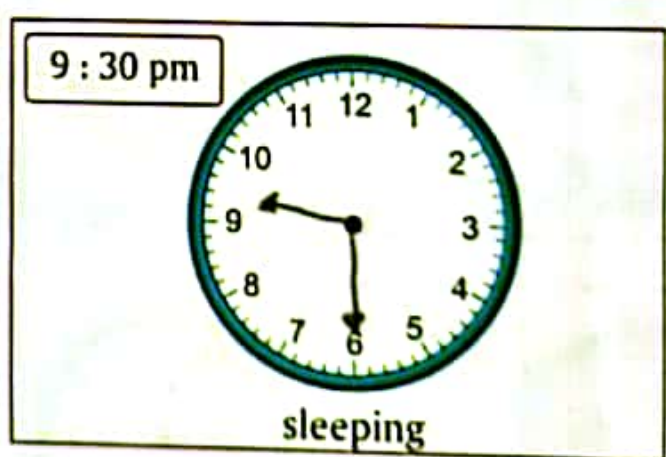
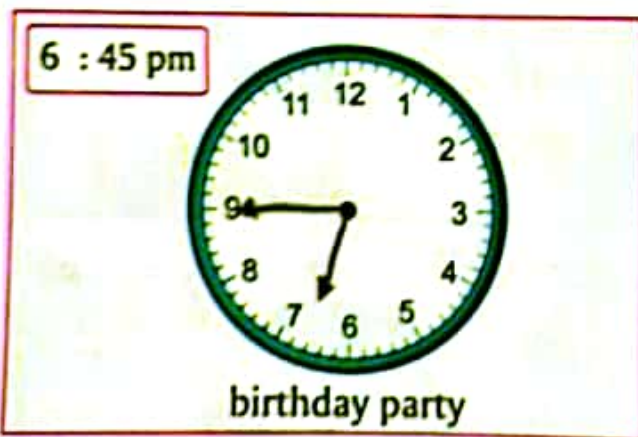
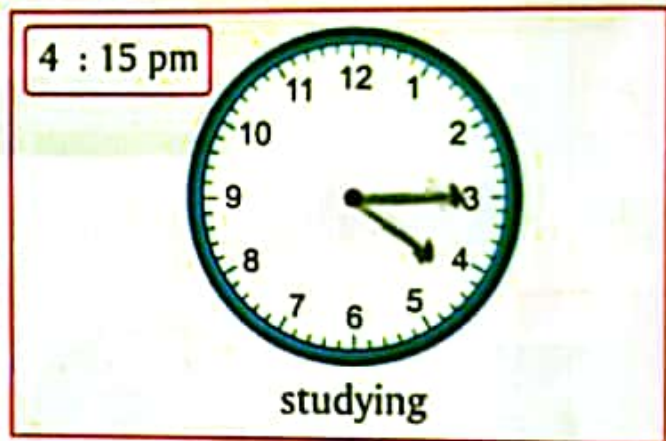
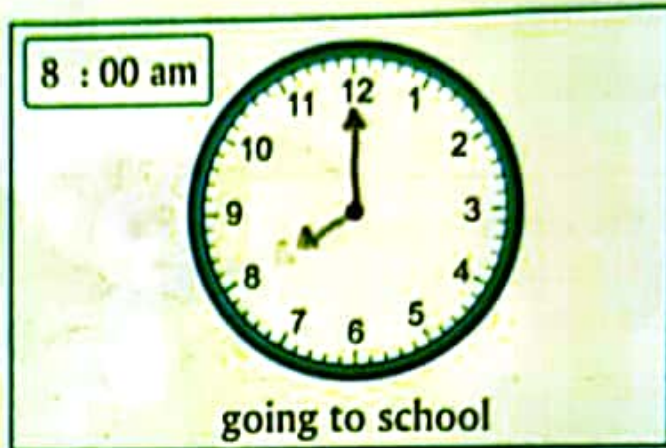
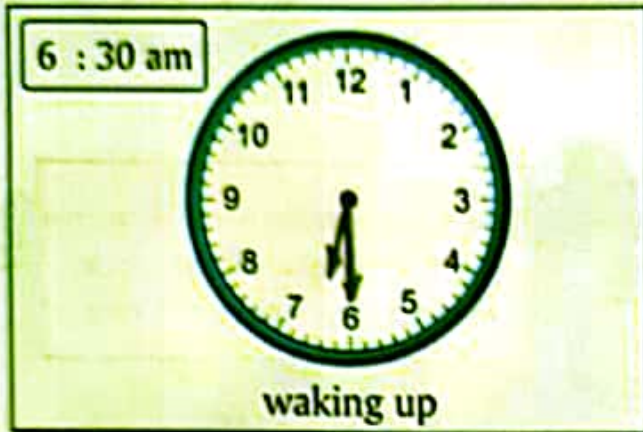
Write the time as indicated in each clock.



Activity-3

One Day in My Life

Help me draw the hands of the clock in each picture according to the time indicated.

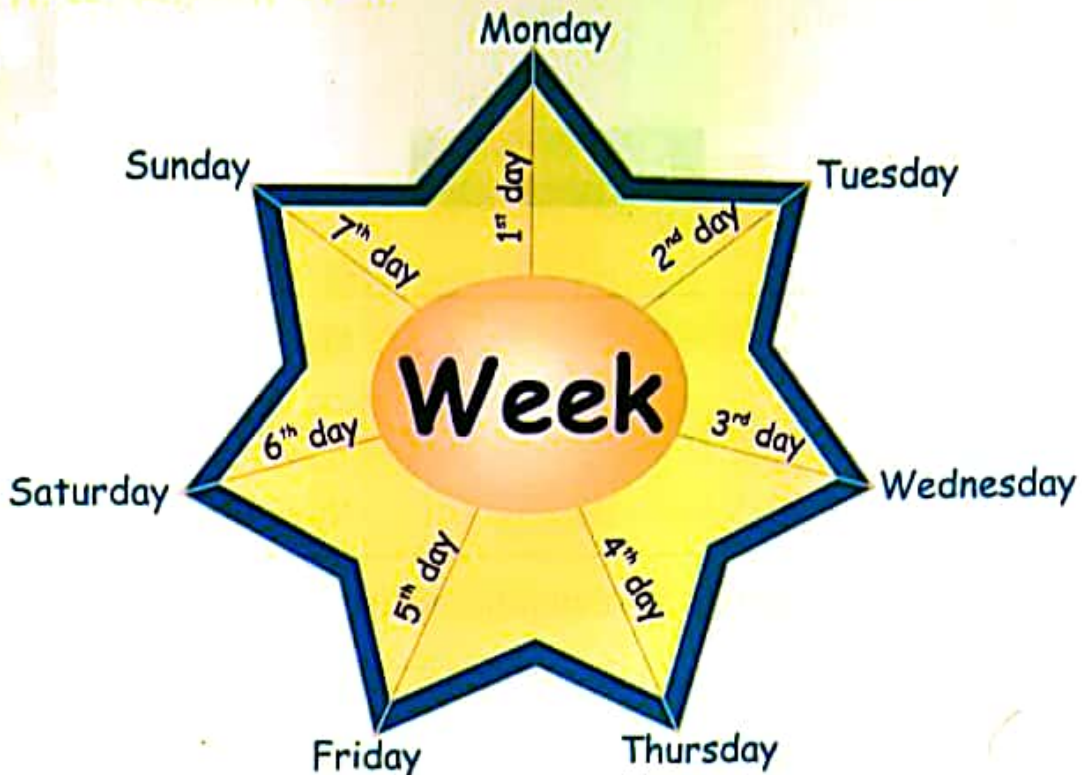


Value Corner

Why is it important to complete tasks on time?

Days of the Week

There are seven days in a week.



Activity-4

Choose the correct answer :

- The day after Wednesday is Thursday.
(a) Friday (b) Tuesday (c) Thursday (d) Monday
- There are 7 days in a week.
(a) 7 (b) 8 (c) 6 (d) 5
- If today is Saturday, then yesterday was Friday.
(a) Sunday (b) Friday (c) Thursday (d) Monday
- Wednesday comes in between Tuesday and Thursday.
(a) Sunday (b) Friday (c) Wednesday (d) Monday
- If Monday is the first day, then Saturday is the sixth day.
(a) fifth (b) sixth (c) fourth (d) seventh

Months of the Year

Remember :
1 year = 365 days
1 leap year = 366 days



Activity-5

Fill in the blanks :

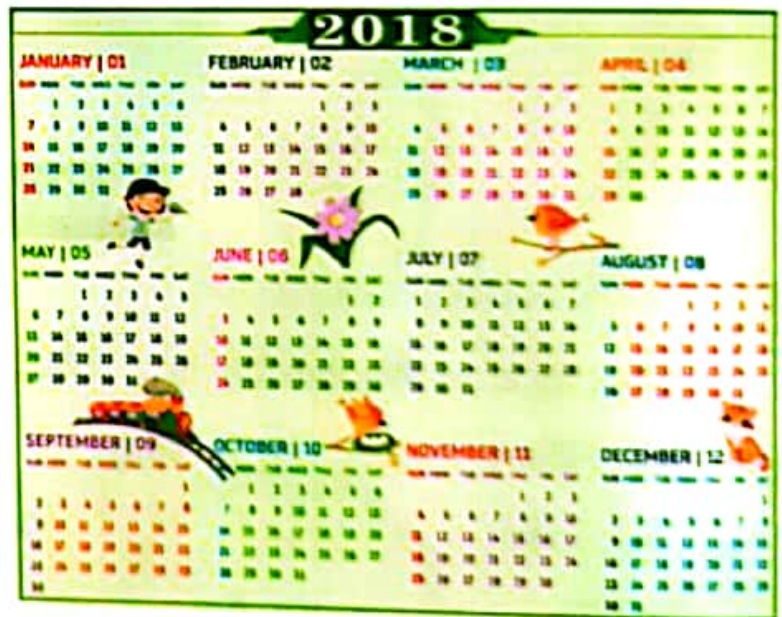
January.	February.	March.	April.
May.	June.	July.	August.
September.	October.	November	December

The number of days in a month can be remembered using this rhyme.

Thirty days have September
April, June and November

February has twenty-eight alone,
And all the rest have thirty one.

But leap year coming once in four,
February then has one day more.



Remember : 1 fortnight has 2 weeks, 1 month has 4 weeks and a year has 52 weeks.

Teacher Tip:

The number of days in a month can also be taught using the knuckles trick.

Activity-6

1. (a) Name the months which have 31 days.

- (i) January..... (ii) March..... (iii) May.....
(iv) July..... (v) August..... (vi) October.....
(vii) December.....

(b) Which is the shortest month?..... February.....

(c) Name the months which have 30 days.

- (i) April..... (ii) June..... (iii) September
(iv) November

(d) Name the months of this year which have 5 Sundays :

- (i) (ii) (iii)
(iv)

2. Match the following :

- | | | | |
|---|------------------|-------------|---|
| 1 | Gandhi Jayanti | 25 December | 3 |
| 2 | Children's Day | 15 August | 5 |
| 3 | Christmas | 2 October | 1 |
| 4 | Republic Day | 5 September | 6 |
| 5 | Independence Day | 14 November | 2 |
| 6 | Teachers' Day | 26 January | 4 |

3. How many days are there in one year?

365

4. How many days are there in one leap year?

366

Activity-7

Word Problems

1.

How many days are there in 8 weeks?

Ans. There are56..... days in 8 weeks.

$$\begin{aligned} 1 \text{ Week} &= 7 \text{ days} \\ 8 \text{ Weeks} &= 7 \times 8 \\ &= 56 \text{ days} \end{aligned}$$

2.

How many days are there altogether in the months of March and April?

Ans. Total number of days is61.....

$$\begin{aligned} \text{March} &= 31 \\ \text{April} &= +30 \\ \hline \text{Total} &= \underline{61} \end{aligned}$$

3.

In 2012, the school remained open for 214 days. How many days did the school remain closed?

Ans. The school remain closed for152..... days.

$$\begin{aligned} \text{Total days} &= 366 \\ \text{School open} &= -214 \\ \hline \text{School closed} &= \underline{152} \end{aligned}$$

4.

Reeta sleeps for 8 hours everyday. How many hours did she sleep in the whole month of April?

Ans. Reeta slept for240..... hours in April.

$$\begin{aligned} \text{In 1 day} &= 8 \text{ hrs} \\ \text{In 30 days} &= 8 \times 30 \\ &= 240 \text{ hrs} \end{aligned}$$

Mental Maths Corner

1. Tick (✓) the correct answer :

(a) How many hours are there in a day?

(i) 12

(ii) 24

(iii) 36

(b) Write the time shown on the clock.



(i) 2 : 00

(ii) 2 : 30

(iii) 3 : 00

(c) How many days are there in a year?

(i) 375

(ii) 365

(iii) 360

2. (a) How many days are there in a leap year? 366

(b) If today is Sunday, which day will be day after tomorrow? Tuesday

(c) How many weeks are there in a year? 52

(d) Which month comes after March? April

3. Fill in the blanks :

(a) A fortnight has 2 weeks.

(b) Thursday comes before Friday.

(c) July and August have 31 days.

(d) February has 29 days in a leap year.

(e) Republic Day is celebrated in the month of January.

(f) 2 hours = 120 minutes.

(g) 3 weeks = 21 days.

(h) 3 : 30 can be written as Half past three