G. D. GOENKA PUBLIC SCHOOL, SRINAGAR

Grade 4 **Subject: Maths.**

Note: The given content need not to be printed.

Chapter No. 12

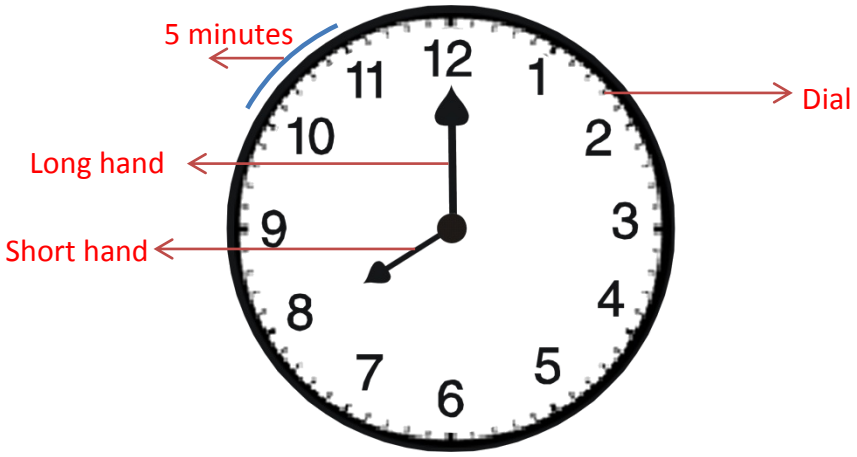
Time

Revision

Objective: The students will be able to recapitulate the time on a clock to the exact minute.

G.D.G.P.S

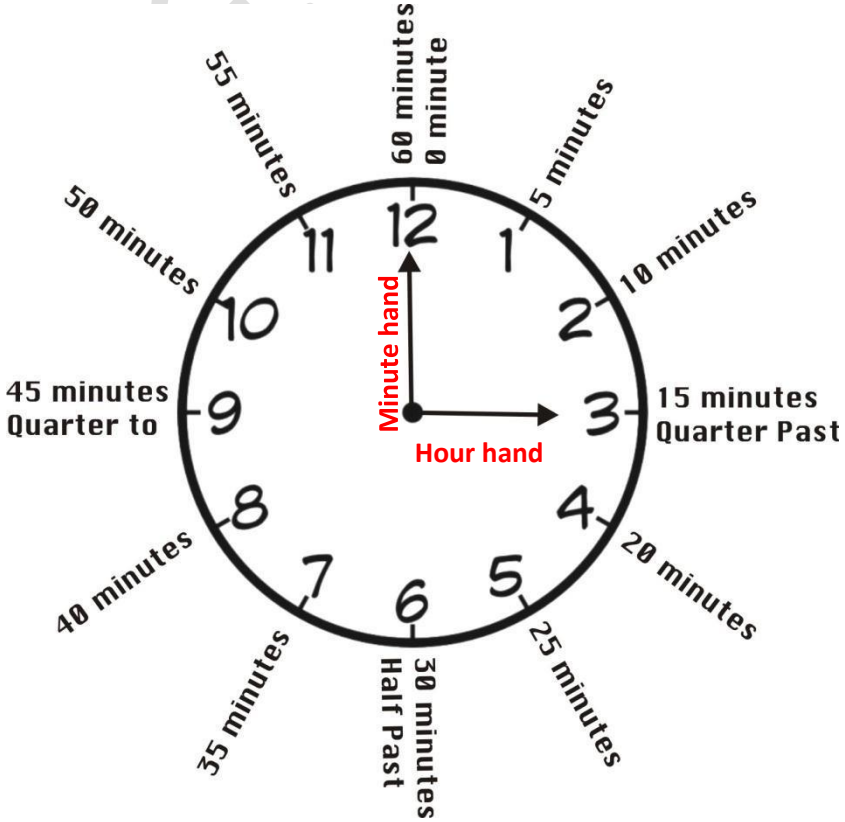
- We all know that time is very important in our life. To be organized, we should recognize the passage of time.
- Time is measured with the help of clock or a watch. Face of the clock is called the dial.
- There are 12 numbers (marked as 1,2,3,4,5,6,7,8,9,10,11 and 12 or same in Roman numerals as I, II, III, IV, V, VI, VII, VIII, IX, X, XI and XII respectively). Numbers from 1 to 12 are marked at equal intervals all around the dial.
- A clock is a time telling device which has two hands-a long hand and a short hand.
- The long hand of the clock tells the time in minutes. It is called the minute hand
- The short hand of the clock tells the time in hours. It is called the hour hand.



- The interval between 2 consecutive numbers is further divided into 5 equal parts which help in measuring time in minutes.

- When the minute hand completes 1 round of the clock dial in 60 minutes, we say 1 hour is completed,

So, 1 hour = 60 minutes



K.D.G.P.S

- The minute hand takes 5 minutes to move from one number to the next. The hour hand (shorter hand) takes 60 minutes or 1 hour to move from one number to the next.

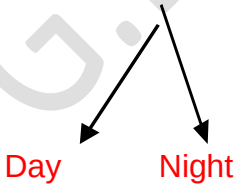
- Some clocks have a third hand called the second hand which takes 1 round of the clock in 60 seconds or 1 minute.

So, 1 minute = 60 seconds.

The hour hand completes one round of the clock dial in 12 hours.

The hour hand takes 2 complete rounds of the clock dial in one day.

So, 1 day = 24 hours



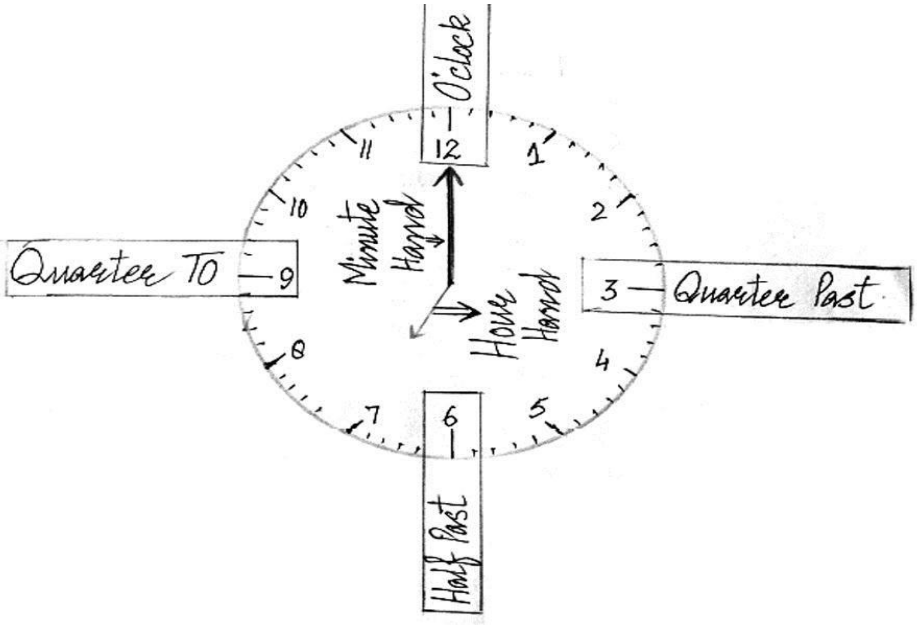
G.D.G.P.S

Units of time

- Seconds(sec)
- Minutes(min)
- Hours(hrs)
- 1 hour = 60 minutes
- 1 minute = 60 seconds

Reading time from a clock

- When the Minute Hand is at 12 → O'clock time
- When the Minute Hand is at 3 → Quarter Past
- When the Minute Hand is at 6 → Half Past
- When the Minute Hand is at 9 → Quater To



A.M and P.M

- We know that 12 o'clock at night is called midnight and 12 o'clock in the day is called noon.
- The time between midnight and noon is denoted by a.m. (anti meridiem)
- The time between noon and midnight is denoted by p.m. (post meridiem)

G.D.G.P.S