



Time Shown by a Clock

Introduction:

- A clock shows the current time using hours and minutes.
- Analog clocks have two hands:
 - The short hand (hour hand) tells the hour.
 - The long hand (minute hand) tells the minutes.
- Digital clocks display numbers for hours and minutes directly.
- Knowing how to read both analog and digital clocks helps you tell time more easily.

How to Read an Analog Clock:

i. Start with the Hour Hand:

- Look at where the short hand is pointing.
- If it's directly on a number, that's the hour.
- If it's between two numbers, the current hour is the smaller number.

ii. Check the Minute Hand:

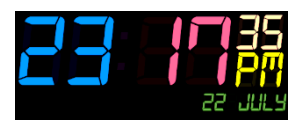
- Look at where the long hand is pointing.
- Each number represents 5 minutes.
- **For example**, if the minute hand is on 1, it's 5 minutes past the hour; on 2, it's 10 minutes past.
- Count by fives or look at the smaller markings to get the exact number of minutes.

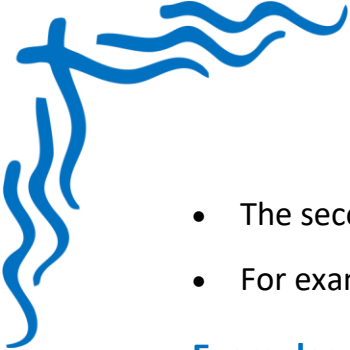
iii. Combine the Two:

- Take the hour from the short hand and the minutes from the long hand.
- For instance, if the hour hand is on 3 and the minute hand is on 6, it's 3:30.

How to Read a Digital Clock:

- Simply read the numbers displayed.
- The first number (or pair of numbers) is the hour.





- The second number (after the colon) is the minutes.
- For example, if it says 08:45, it's 8 hours and 45 minutes past midnight or noon.

Examples with Solutions:

Example:

Problem: The hour hand is on 7, and the minute hand is on 12.

Solution: The time is 7:00.



Example:

Problem: The hour hand is between 4 and 5, and the minute hand is on 6.

Solution: The time is 4:30.



Example:

Problem: The hour hand is on 10, and the minute hand is on 3.

Solution: The time is 10:15.



Example:

Problem: The hour hand is on 9, and the minute hand is on 9.

Solution: The time is 9:45.



Example:

Problem: The hour hand is on 5, and the minute hand is on 4.

Solution: The time is 5:20.



Summary Points:

- Start by finding the hour from the short hand.
- Then find the minutes by counting around the clock face.
- Combine the hour and minutes for the full time.
- Practice regularly to quickly and accurately tell time.