

1st Grade Math: Telling Time to the Hour

Objective: Students will learn how to read and tell time to the hour on both analog and digital clocks.

What is Time?

Time helps us know when things happen during the day. We use clocks to keep track of time so that we know when to wake up, eat lunch, go to school, and go to bed.

Parts of a Clock

There are two kinds of clocks:

1. **Analog Clocks**
2. **Digital Clocks**

Analog Clock:

An **analog clock** has two hands:

- The **short hand** is the **hour hand**. It points to the hours (1 through 12).
- The **long hand** is the **minute hand**. When it points to the number 12, it means it's exactly on the hour.

Digital Clock:

A **digital clock** shows the time with numbers. It has two sets of numbers:

- The first set of numbers shows the **hour**.
- The second set of numbers shows the **minutes**.
- Example: 3:00 means it is 3 o'clock.

Reading Time to the Hour on an Analog Clock

1. Look at the **hour hand** (short hand). See which number it is pointing to. That is the **hour**.
2. Look at the **minute hand** (long hand). If it is pointing to **12**, it means it's **o'clock**.
3. When the minute hand points to 12 and the hour hand points to 3, it is **3:00** or **3 o'clock**.

Examples:

- If the hour hand is on **6** and the minute hand is on **12**, it is **6:00** or **6 o'clock**.
- If the hour hand is on **9** and the minute hand is on **12**, it is **9:00** or **9 o'clock**.

Reading Time to the Hour on a Digital Clock

A **digital clock** shows the time as numbers:

- The hour is shown before the colon (:), and the minutes are shown after it.
- Example: **2:00** means it is 2 o'clock.

Examples:

- **12:00** means it is 12 o'clock.
- **5:00** means it is 5 o'clock.

Real-World Applications

- We use time to know when school starts and ends.
- Time helps us know when to eat breakfast, lunch, and dinner.
- We use time to remember important events, like bedtime and special occasions.

Practice Questions

1. What time does the clock show if the hour hand is on 7 and the minute hand is on 12?
2. If the digital clock says 10:00, what time is it?
3. What time is it when the hour hand is on 4 and the minute hand is on 12?
4. Set the clock to 2:00 using your practice clock.
5. What happens at 8:00 at night?

Summary

Telling time to the hour helps us understand when things happen during the day. By looking at both analog and digital clocks, we can know what time it is and be ready for important activities!