

Time to the Half Hour Skill 18

Objective

To tell and write time to the half hour on analog and digital clocks

Materials

student clocks

Vocabulary

hour A period of time equal to 60 minutes

hour hand The shorter hand on a clock that tells what hour of the day it is

minute A period of time equal to 60 seconds

minute hand The longer hand on a clock that tells how many minutes have passed in an hour

Pre-Assess

Show students an analog clock with the minute hand pointing to the 6 and the hour hand pointing halfway between the 9 and the 10.

Ask: **What time does the clock show?** 9:30

Common Misconception

- Children may have trouble recognizing which hand to move to the 6 to show the half hour.
- To correct this, remind students that a half hour is the same as 30 minutes, so they will need to move the minute hand, or long hand, to the 6.

Learn the Math


Guide students through the problem on student page IIN35. Model the problem for students using an analog clock. Tell students that when the minute hand is pointing to the 6, the time is on the half hour. Count by fives from the 12 to the 6 on the clock to show that there are 30 minutes in a half hour.

Name _____

Learn the Math

Lunch begins at 11:00 and ends a half hour later. What time does lunch end?


Step 1
Start with the minute hand at 12 and the hour hand at 11.



Vocabulary

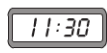
hour
hour hand
minute
minute hand

Step 2
A half an hour is 30 minutes.
Move the minute hand to the 6 and the hour hand halfway between the 11 and 12.



Lunch ends at **11:30**.

You can show the time on a digital clock.





Talk Math


- What number does the minute hand point to when you want to show time to the half hour? **6**
- Where does the hour hand point to show 11:30? **between 11 and 12**
- When you show a half hour on a digital clock, what number do you write for the minutes? **30**
- What number do you write for the hour? **11**


Do the Math Skill 10


Write the time.


1.  **1:30**

2.  **8:30**

3.  **7:30**

4.  **12:30**

5.  **6:30**

6.  **5:30**

Check

7. Elizabeth started her homework at 4:00. She finished half an hour later. What time did Elizabeth finish her homework? Where would the minute hand be on the clock?
4:30; the minute hand would be on the 6.

IIN36 Response to Intervention • Tier 3

Do the Math

Guide students through each problem on student page IIN36. Provide students with clocks to help them model the problems.

Talk Math

- What number does the minute hand point to? **6**
- How many minutes are in a half hour?
30 minutes
- How would you show time to the half hour on a digital clock? **Write the hour and then write 30 for the number of minutes.**

Check

Ask: Is the minute hand the long hand or short hand? **It is the long hand.**

Alternative Teaching Strategy

Show the Time

Objective To tell and write time to the half hour on analog and digital clocks

Materials student clocks

- Tell students to show 8:30 on their clocks. Say: **Show 8:30 on your clock and hold it up when you are finished.**
- Check to see that all students have the minute hand pointing to the 6 and the hour hand pointing between 8 and 9.
- Ask: **What number is the minute hand pointing to? 6 What does it mean when the minute hand points to the 6? It is 30 minutes past the hour. It shows the half hour.**
- Ask: **What two numbers is the hour hand between? 8 and 9**
- Ask: **When the time is on the half hour, what number will the minute hand always point to? 6**
- Have students write 8:30 as it would appear on a digital clock.
- Ask: **How is showing time to the half hour on an analog clock different from showing time to the half hour on a digital clock? On an analog clock the minute hand points to the 6. On a digital clock the minutes show the number 30.**
- Repeat this activity several times, so students can practice showing time to the half hour.