Unit 6, Lesson 11

Solve Problems Involving Time (Part 2)

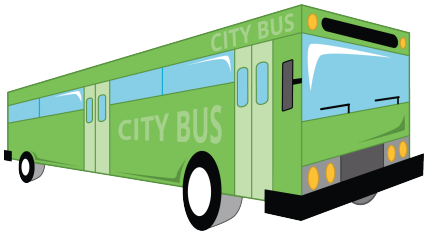
Let's solve more problems involving time.

Warm-up

Notice and Wonder: Band Practice

What do you notice? What do you wonder?

Han ate his dinner before he caught a bus.
When he got off the bus, he had to hurry to get to band practice on time.

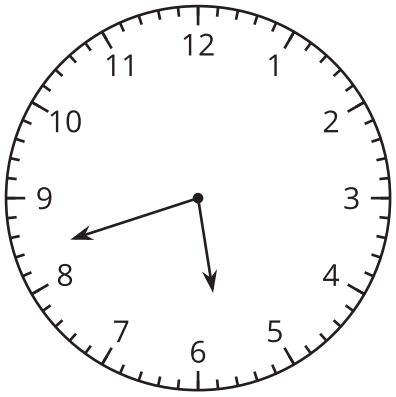


Activity 1

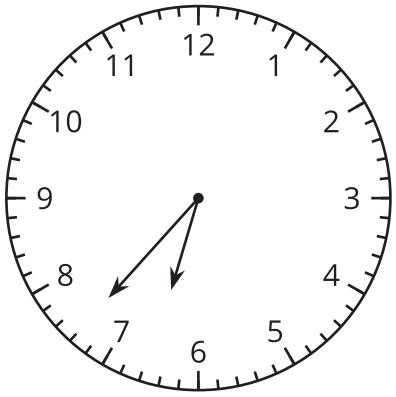
On the Bus Again

1. For how many minutes was Han on the bus? Explain or show your reasoning.

The time Han got on the bus:

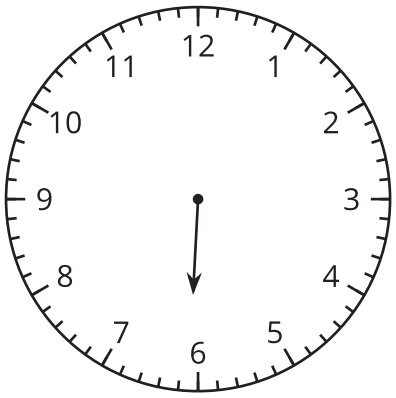


The time Han got off the bus:

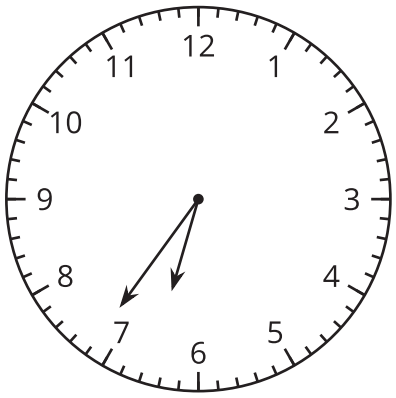


2. Draw the minute hand on the first clock to show that Elena waited for the bus for 32 minutes.

The time Elena started waiting:



The time Elena got on the bus:



Activity 2

Math Libs Time

For each problem, write a name and an activity in the blanks. Then solve the problem. Show your thinking. Organize your work so it can be followed by others.

1. _____ started

   _____ at 8:25 a.m. and finished at 8:50 a.m. How much time was spent doing that activity?

2. _____ finished

   _____ at 5:38 p.m., after spending 20 minutes. What was the start time?

3. _____ started

_____ at 10:45 a.m. and finished at 11:18 a.m. How much time was spent on that activity?

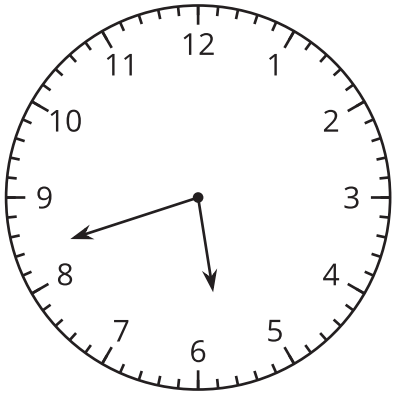
4. _____ started

_____ at 3:30 p.m. and took 45 minutes to complete it. What was the finish time?

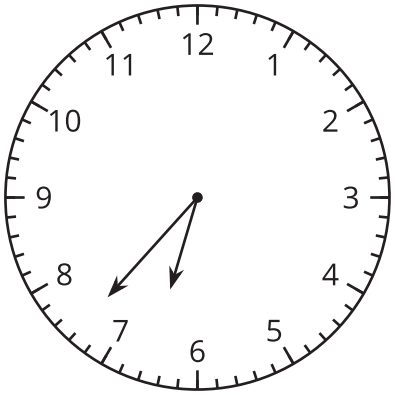
Section C Summary

We learned to tell and write time to the nearest minute. We solved addition and subtraction problems about time.

the time Han got on the bus:



the time Han got off the bus:



Here is 1 way to find out how much time Han spent on the bus:

- Identify the start and finish times shown on the clock: 5:42 and 6:37.
- Count up 3 minutes from 5:42 to 5:45, and then 15 minutes from 5:45 to 6:00.
- Count up 30 minutes from 6:00 to 6:30, and then 7 more minutes to 6:37.
- Add the counted-up minutes, $3 + 15 + 30 + 7$, to get 55.

Han spent 55 minutes on the bus.