

Solving Word Problems Involving Elapsed Time

This clock shows the time that a school bus arrives at school each morning.

What time does the bus arrive?



Alisa caught the bus at 10 minutes to 8. How could you figure out the amount of time she was on the bus?



I would start at 10 minutes to 8 and count on by fives to 8 o'clock and then by ones to the time the bus arrives.

Jie caught the same bus just before Alisa.
This clock shows the time he got on the bus.

For how long was he on the bus?

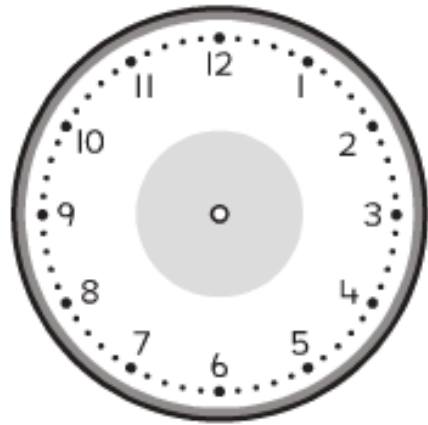
Jie's trip was minutes long.



Nina caught a different bus at 7:51 a.m.

The bus trip was 22 minutes long.

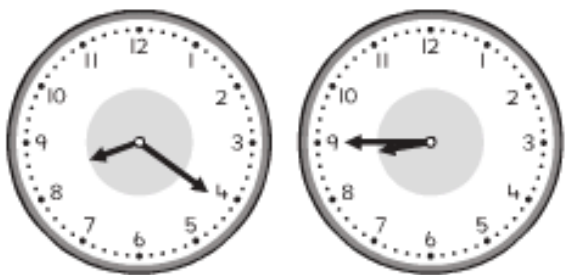



Draw hands on the clock to show the time she arrived at school.



This activity focuses on solving problems involving elapsed time.

Solving Word Problems Involving Elapsed Time

1. These clocks all show times before noon on the same day. Calculate the length of each trip.

<p>a. Bus Departs Bus Arrives</p>  <p>The trip is <input type="text"/> minutes long.</p>	<p>b. Bus Departs Bus Arrives</p>  <p>The trip is <input type="text"/> minutes long.</p>
<p>c. Bus Departs Bus Arrives</p>  <p>The trip is <input type="text"/> minutes long.</p>	<p>d. Bus Departs Bus Arrives</p>  <p>The trip is <input type="text"/> minutes long.</p>

2. Use the clock to help you solve each word problem.

<p>a. Jamal arrived home at 3:32 p.m. If it took him 20 minutes to walk home, what time did he leave school?</p> <p style="text-align: right;"><input type="text"/></p>
<p>b. Granola bars take 35 minutes to cook and 10 minutes to cool before they can be eaten. If they went into the oven at 6:50 p.m., at what time can they be eaten?</p> <p style="text-align: right;"><input type="text"/></p>
<p>c. Recess started at 12:42 p.m. and ended at 1:19 p.m. How long was recess?</p> <p style="text-align: right;"><input type="text"/></p>

