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# The Bus Route

## Pre-Activity

It is a rainy Saturday and you want to go to the movies in the afternoon. You check your local newspaper for the starting times of each show, but unfortunately your brother has spilled his cereal on the paper, so that the page looks like this:

*Cinema 1:* 12:05, 1:55, ●●●, 5:35

How can you figure out what time the third show starts?

Can you think of a different mathematical way to solve this problem?

## The Task

The number 51 bus makes three trips every day. At each bus stop there is a sign that shows the times that the bus leaves that stop. The bus travels in only one direction around its route.

On Halloween night some hooligans painted over the times on the signs at the bus stops. Fortunately, since they couldn't see well in the dark, they missed covering up some of the times. A picture of the route and its signs is shown on the next page.

1. Fill in the missing times on the signs.
2. If the bus moves five times faster than you can walk, which would take less time: riding the bus from A to F or walking from A to F? (Remember that the bus can only go in one direction: from A to B to C to ... to F to A.)

Explain how you figured out your answer.

