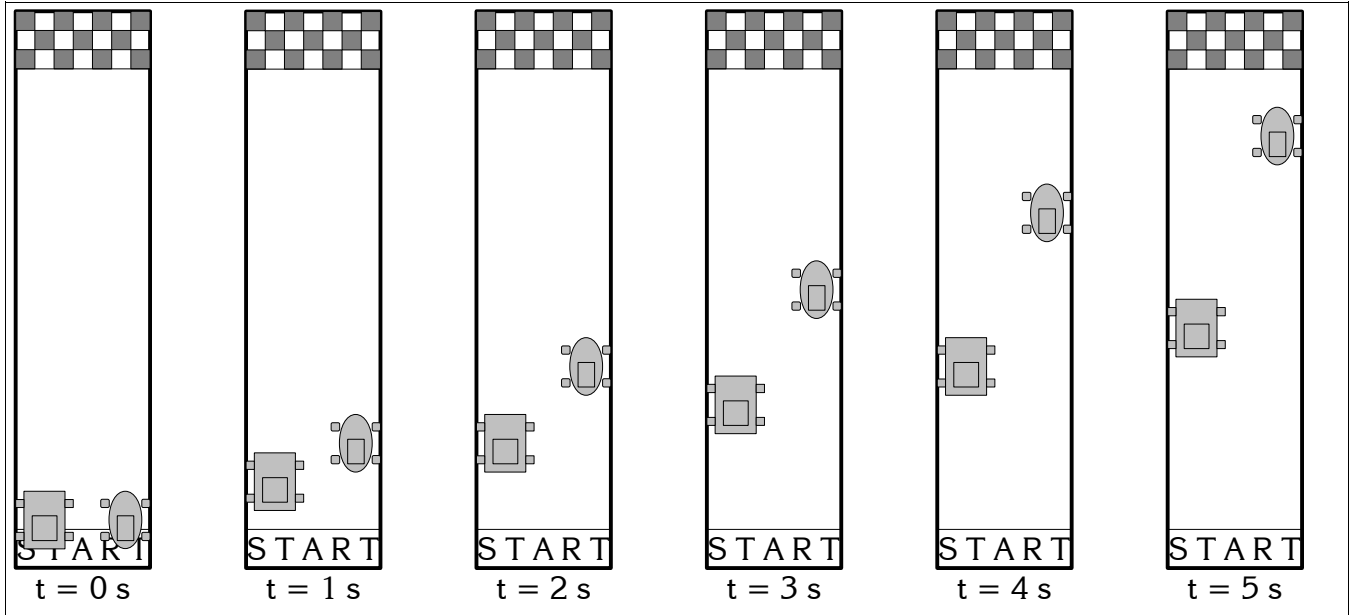


# Cartoons, Motion Maps, and Position Graphs

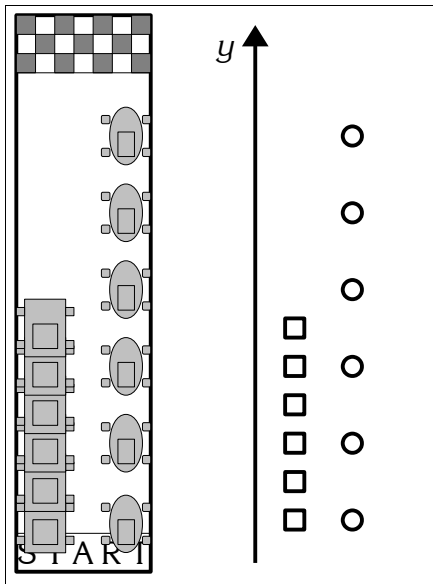
Consider the following race between two cars. For simplicity, both cars will move with uniform motion (that is, they always move the same amount during each interval of time).

**Pictorial representation (“cartoon”):**



## Motion map

A motion map “stacks” all of these pictures on top of one another. You can draw it with little pictures or simply with dots.



## Position-time graph

The position-time graph has some things in common with the motion map and others in common with the set of cartoons.

