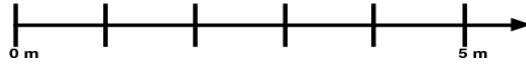
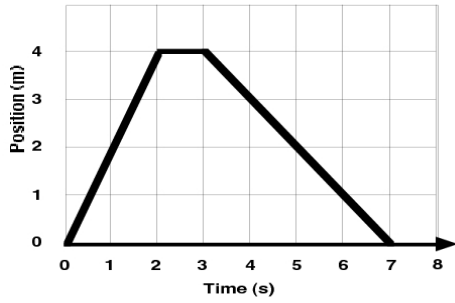
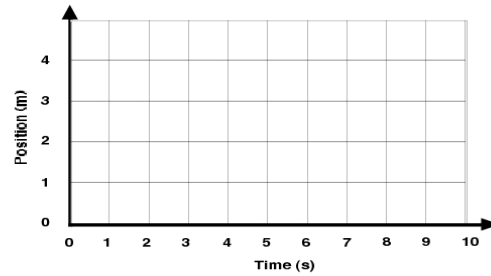
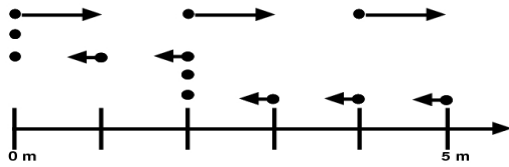


**Constant Velocity Worksheet 1:
Motion Maps and Position vs. Time Graphs.**

1. Given the following position vs. time graphs, draw motion maps with one dot for each second.



2. Given the following motion map, where positions have been recorded with one dot each second, draw a position vs. time graph.



a. Describe the motion of the object above in words.

3. Consider the position vs. time graph of two bicyclists, A and B, in a race.

a. Do the cyclists start at the same point? How do you know? If not, which is ahead?

b. At $t = 7s$, which cyclist is ahead? How do you know?

