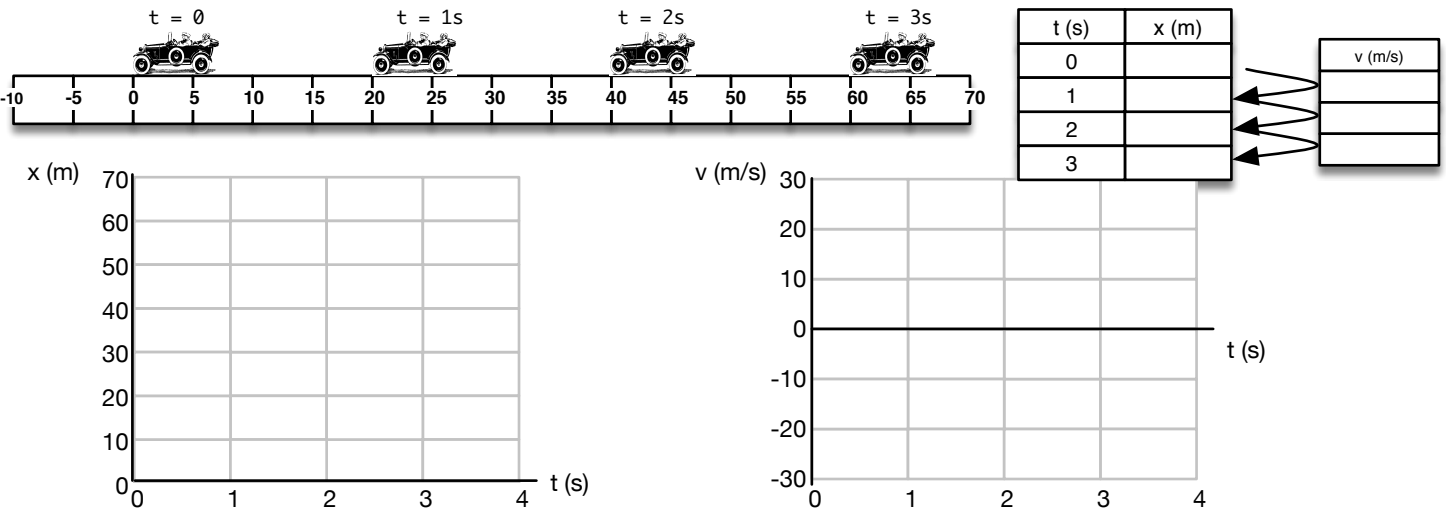


Cycle 13 Motion Graphs

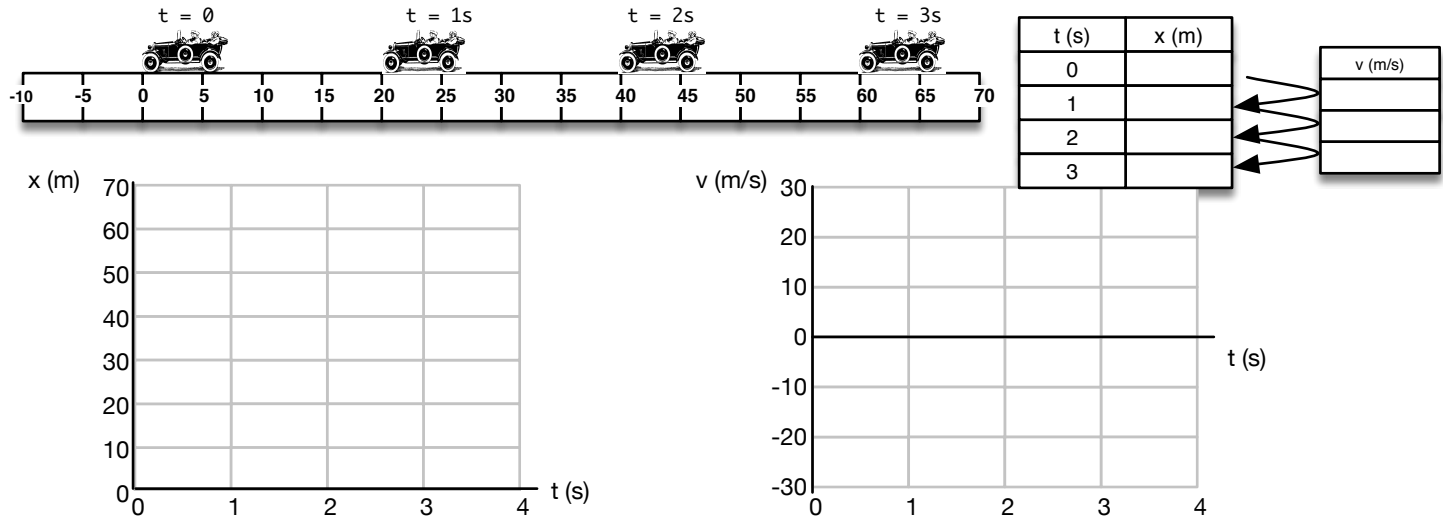
Case 3: Constant Negative Velocity



1. On the position graph, what is the pattern of negative velocity?
2. On the velocity graph, what is the pattern of negative velocity?
3. How would each graph be different if the constant velocity were the same, but the car started at $x = 10$ m at $t = 0$?
4. How would each graph be different if the start was the same, but the negative velocity were greater?
5. On the position graph, how is the negative velocity value represented?

Cycle 13 Motion Graphs

Case 3: Constant Negative Velocity



1. On the position graph, what is the pattern of negative velocity?
2. On the velocity graph, what is the pattern of negative velocity?
3. How would each graph be different if the constant velocity were the same, but the car started at $x = 50$ m at $t = 0$?
4. How would each graph be different if the start was the same, but the negative velocity were greater?
5. On the position graph, how is the negative velocity value represented?