Motion Graphs II

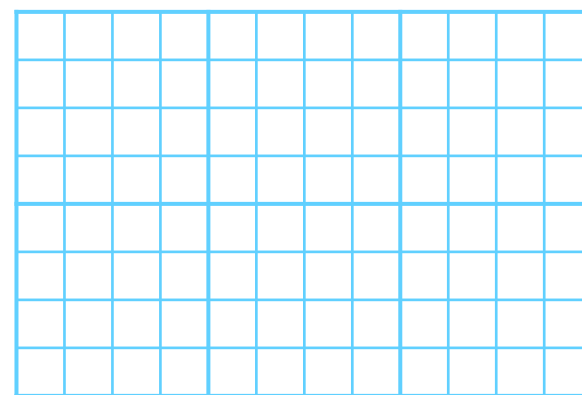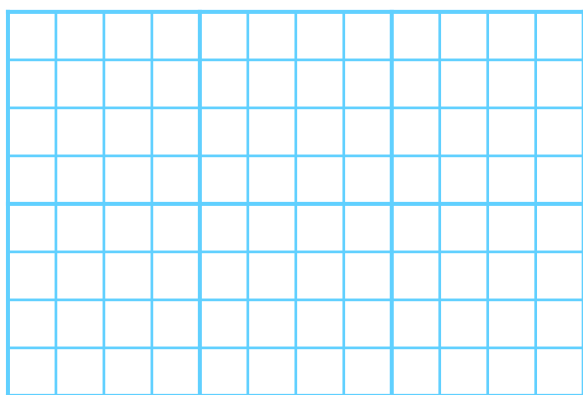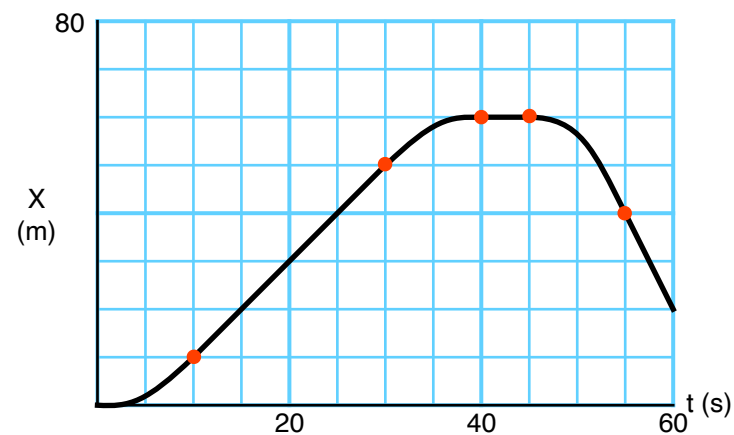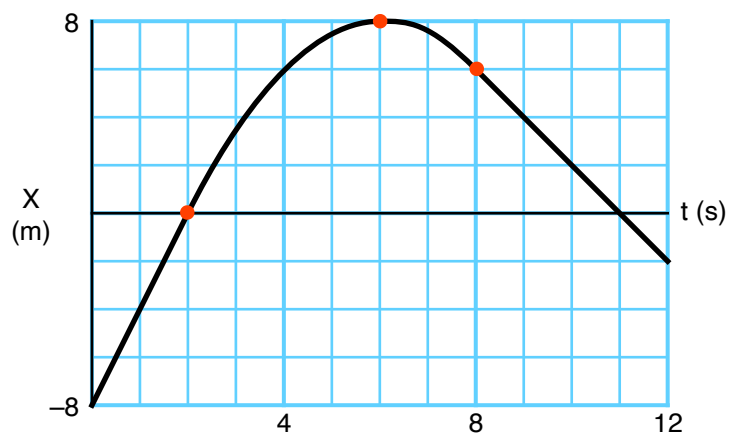1. For the following Position verses Time graphs, make an appropriate Velocity verses Time graph. Assume any velocity changes happen in too small a time to graph.
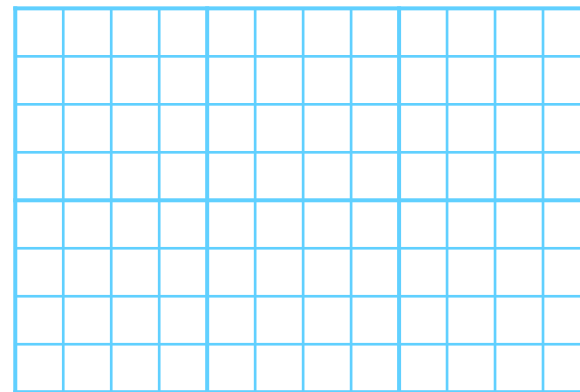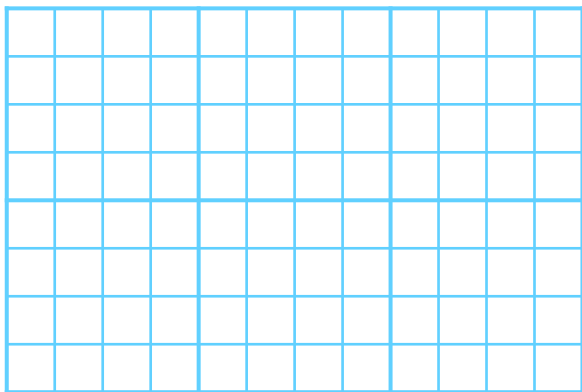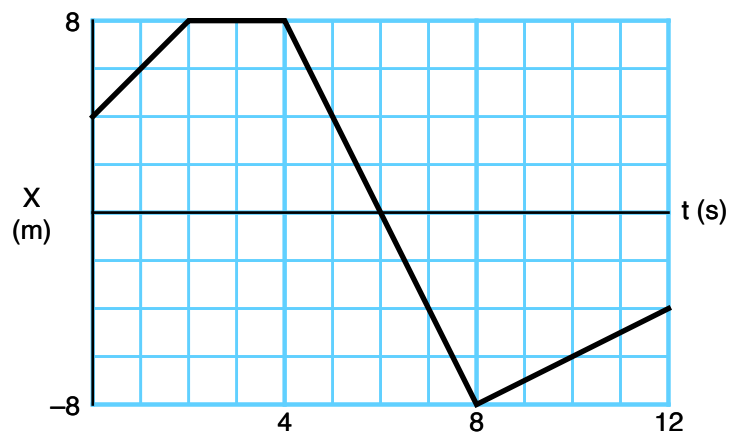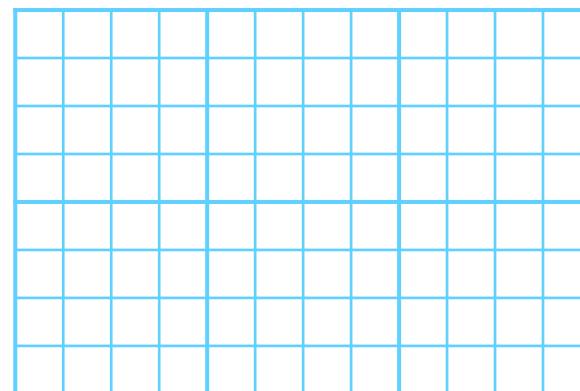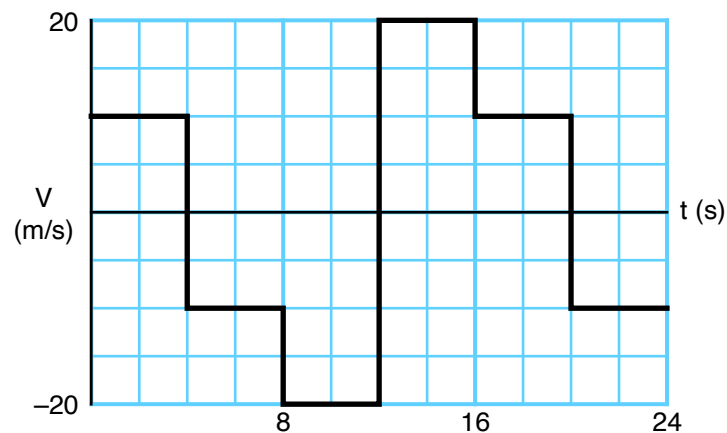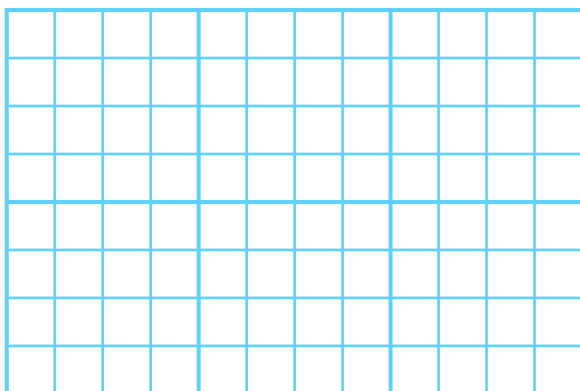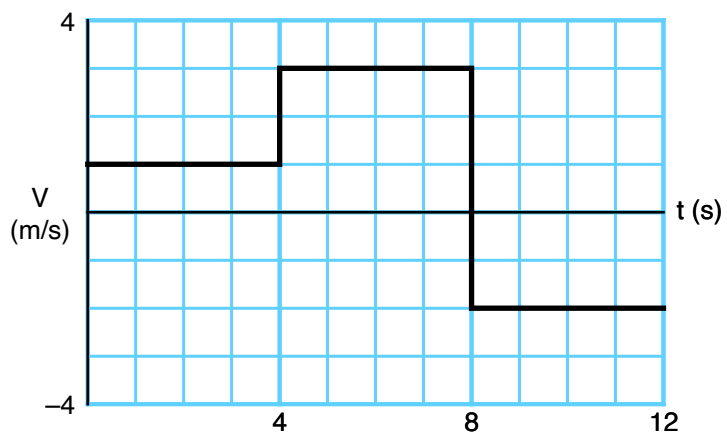
Motion Graphs II

2. For the following Position verses Time graphs, make an appropriate Velocity verses Time graph. Assume any accelerations are constant. The red dots correspond to concavity changes.
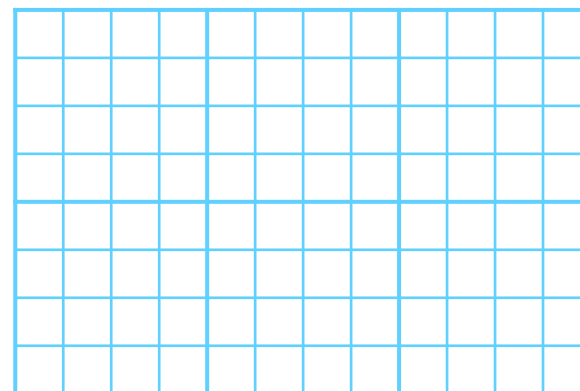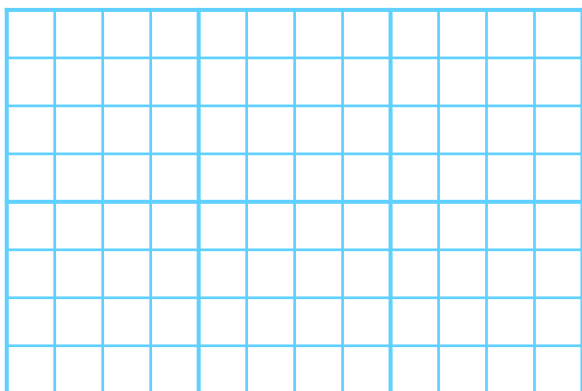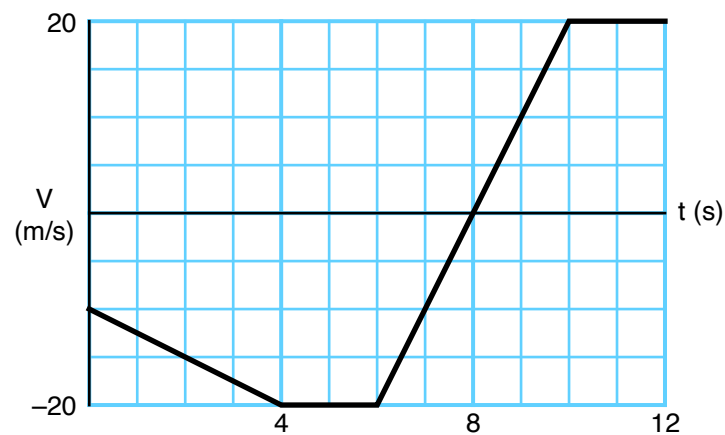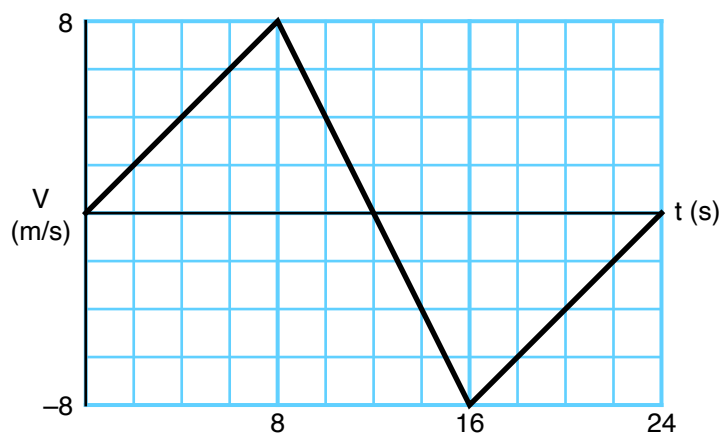
Motion Graphs II

3. For the following Velocity verses Time graphs, make an appropriate Position verses Time graph. Assume any velocity changes happen in too small a time to graph. Assume the initial position was x=0 for each graph.

Motion Graphs II

4. For the following Velocity verses Time graphs, make an appropriate Position verses Time and Acceleration verses Time graphs. Assume the initial position was x=0 for each graph.

Motion Graphs II