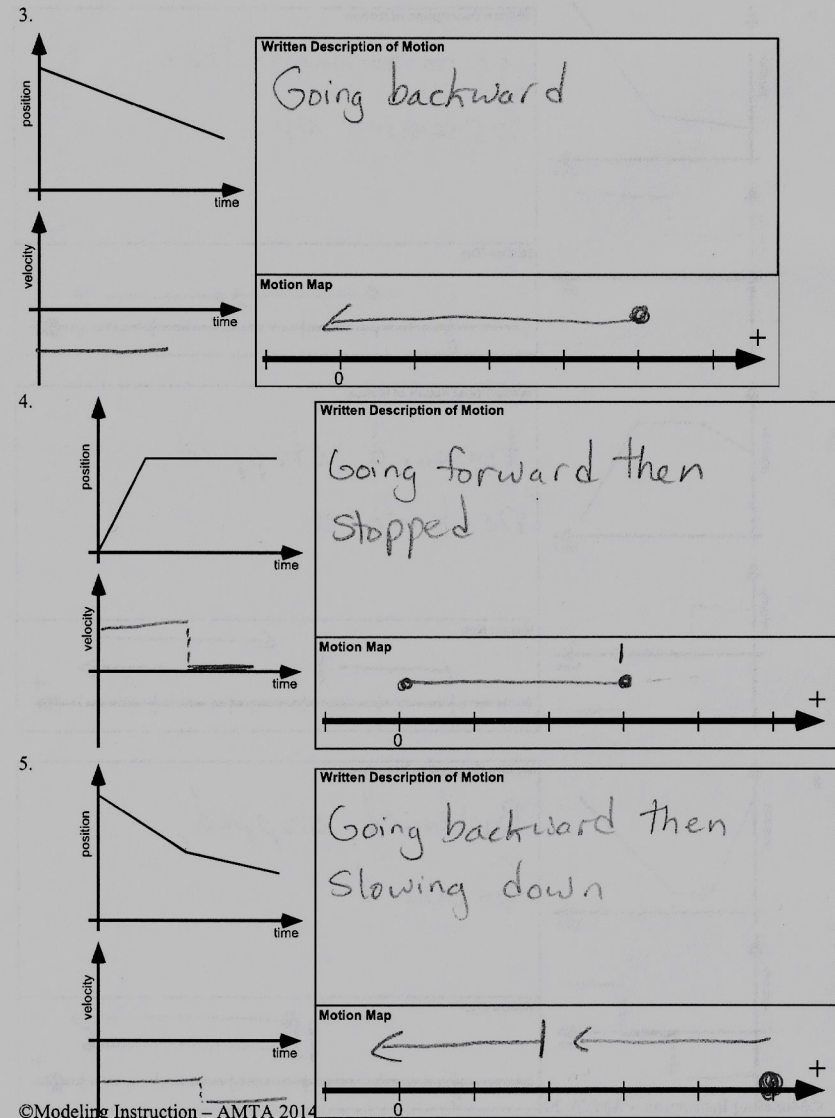
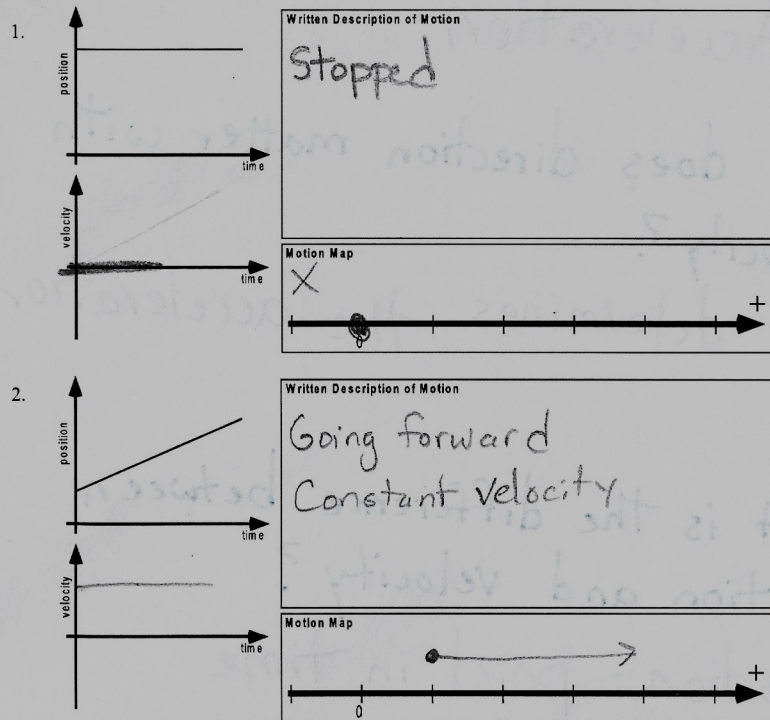
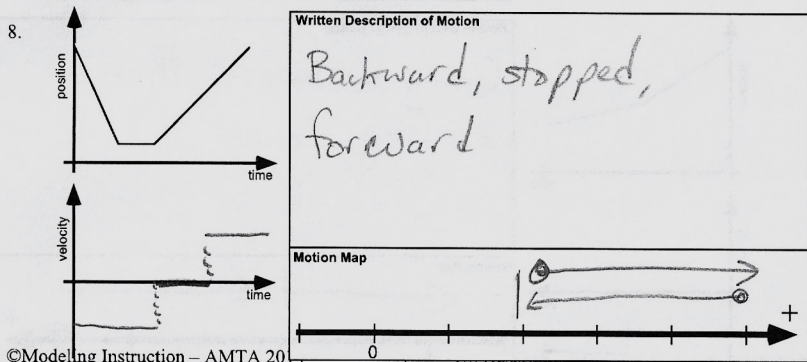
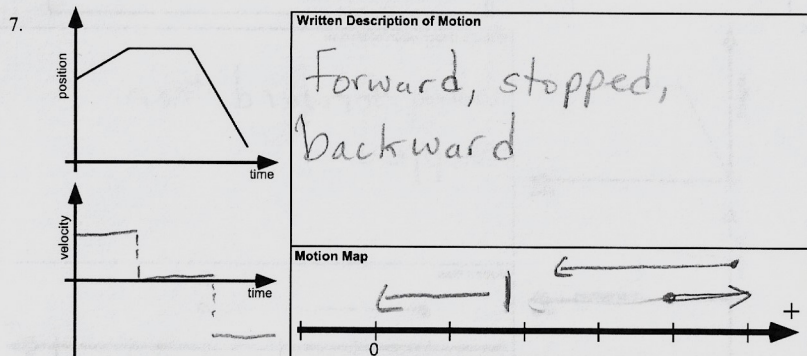
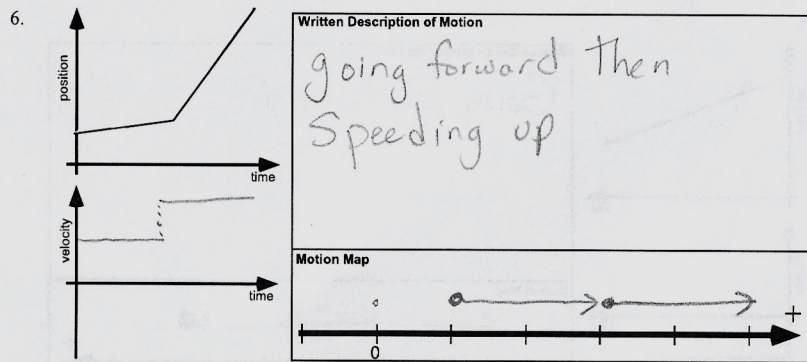


Unit 2: Describing Motion

Exercise 2 – Multiple Representations

Analyze each segment of the given position-time graph. Use what you know about constant velocity to make a velocity-time graph and write a description of motion that matches the position-time graph.





Summary:

1. Slope of Position vs. Time Graph:

Slope

2. Slope of Velocity vs. Time Graph:

Acceleration

3. Why does direction matter with Velocity?

it determines the acceleration

4. What is the difference between position and velocity?

position = point in time

velocity = change in direction