**Transforming Graphs of Motion**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_

1. **The middle graph shows the velocity of a hypothetical object moving along a straight line.**
2. What can we say about the motion of this object?
3. Plot the corresponding graphs of displacement and acceleration as functions of time.



