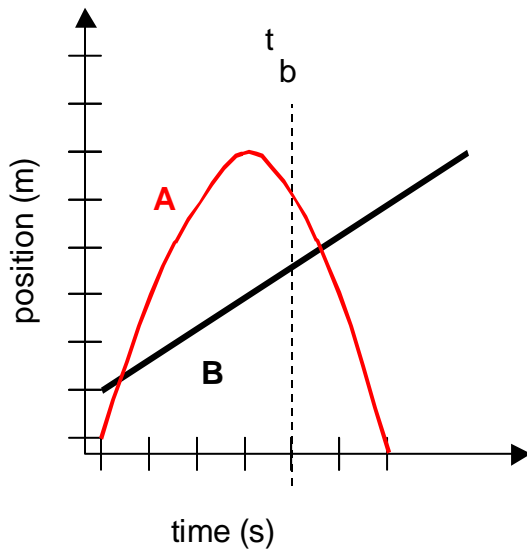Homework 2:   Due by Tuesday, 01/27

Consider the following position (distance) vs. time graph of two objects moving in one dimension ONLY.

1. Mark on the graph with the label t_a, any instants at which one ball is passing the other.

2. Which ball has a larger velocity at time t_b

3. Mark at any instants with t_c that the balls have the same velocity.

4. Mark with t_d any instants at which either of the balls has a zero velocity.

5. Describe the motion for both objects A and B for the period shown