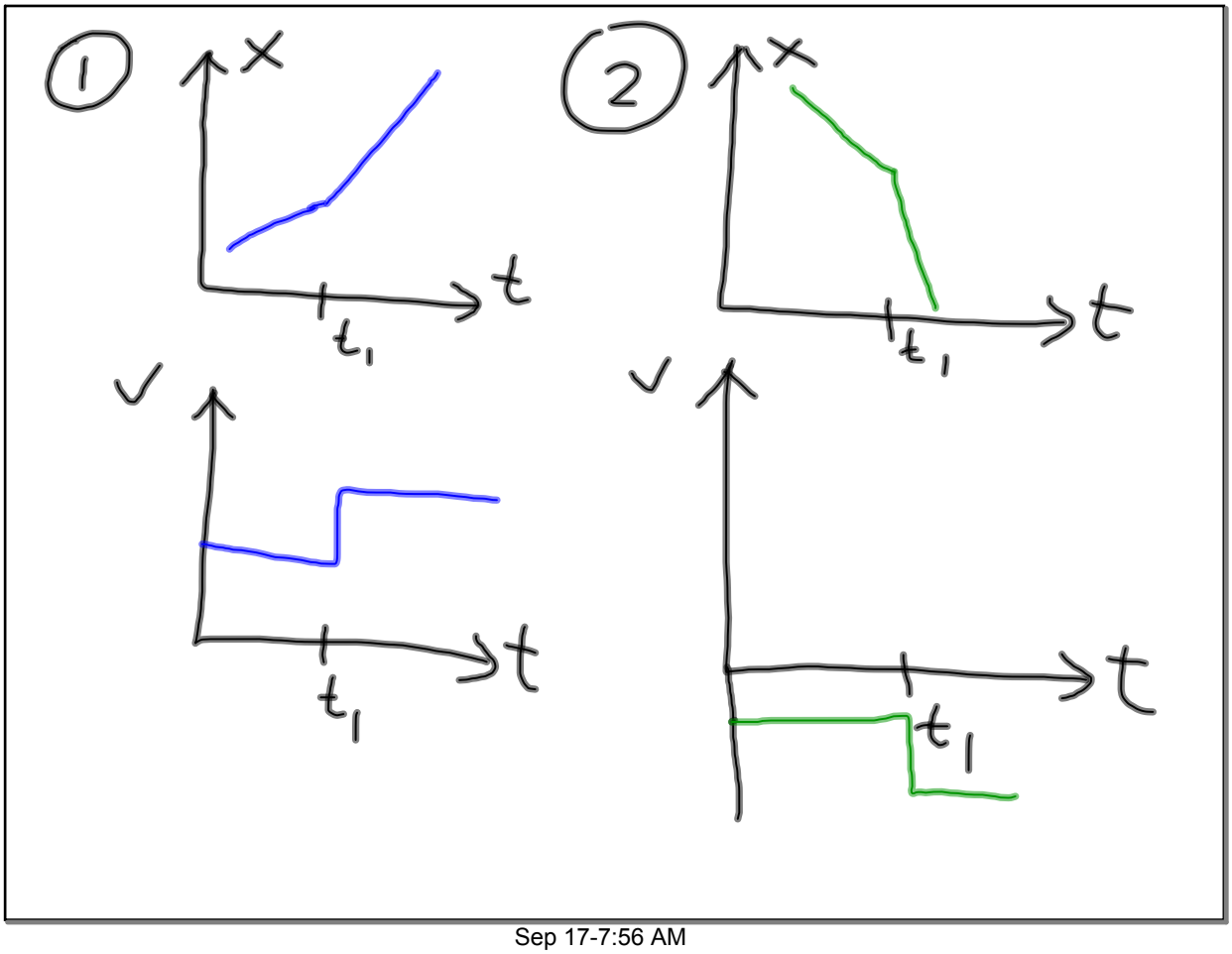
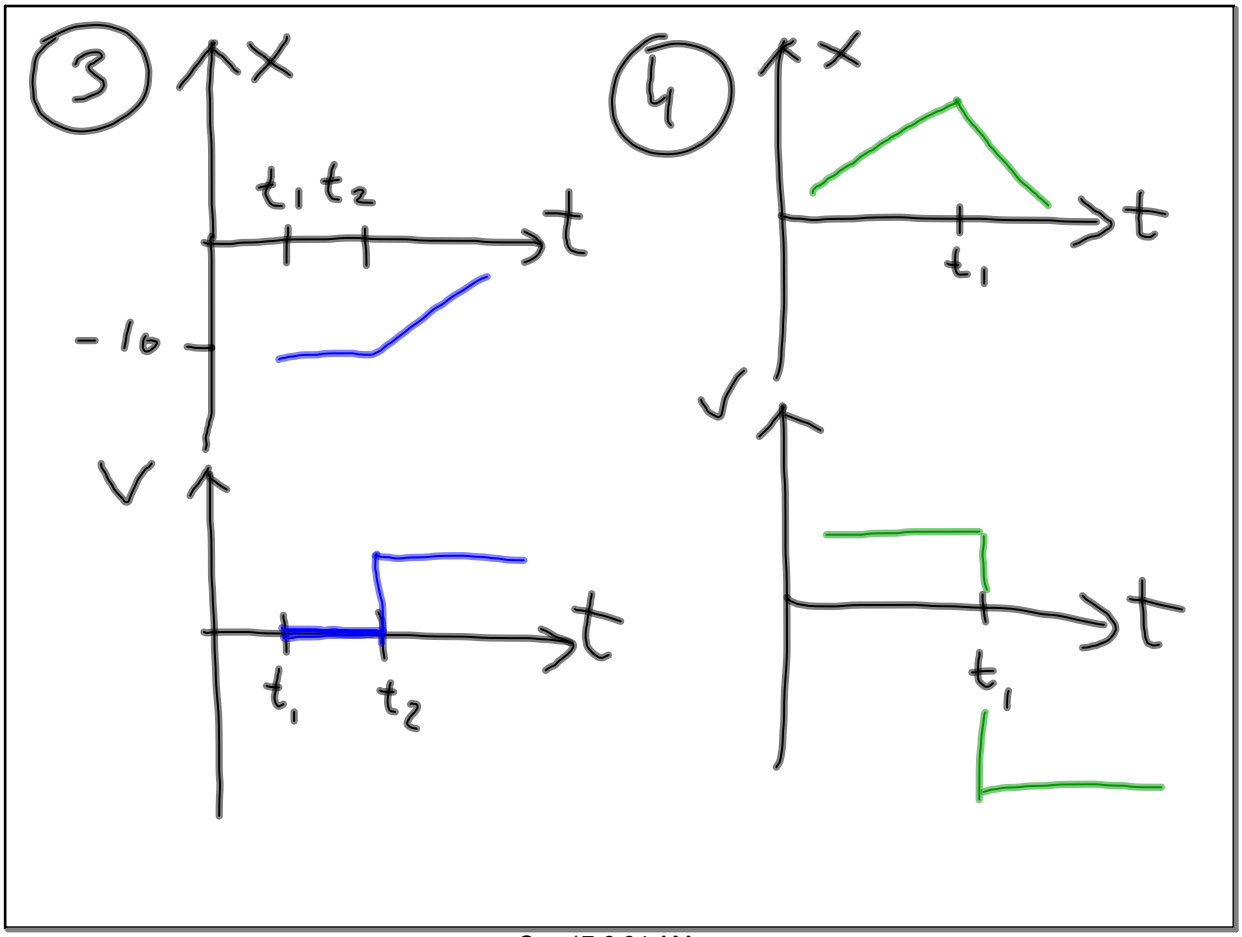
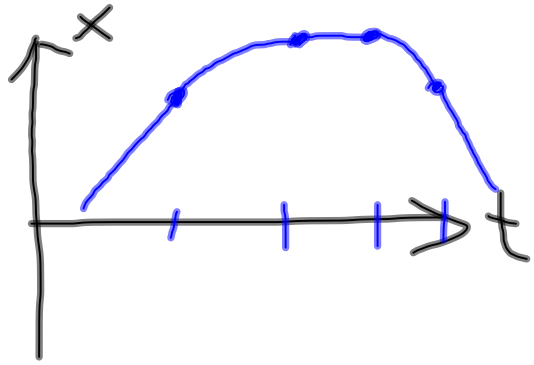


Sep 17-7:56 AM



Sep 17-8:04 AM

4



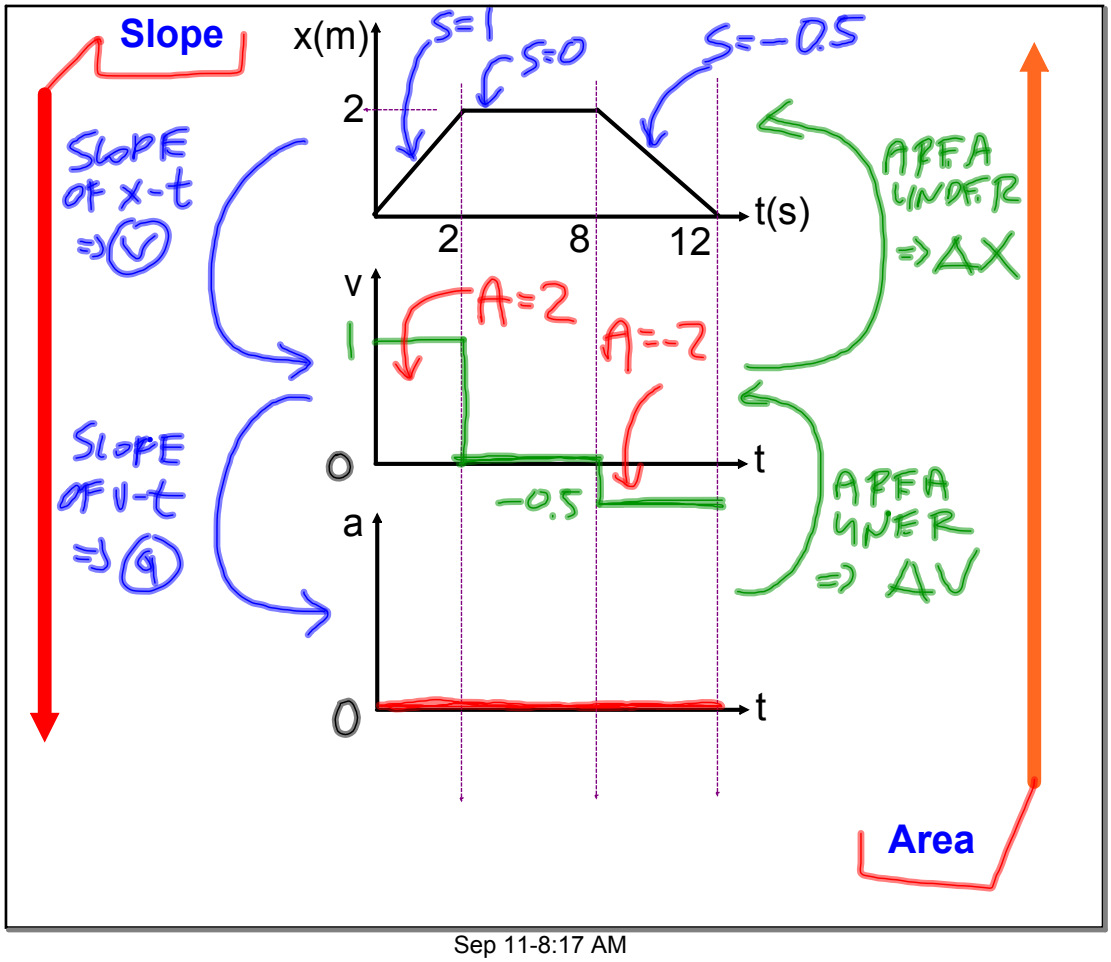
Sep 17-8:13 AM

6 A B

INTER. AT t_1 AT ORIGIN

AT t_1 IT STOPS

Sep 17-8:15 AM



Sep 11-8:17 AM

The area under the graph is equal to the area between the graph and the horizontal axis.
It can be + or -.

Summary:

The slope of the x-t graph represents velocity.

The slope of the v-t graph represents acceleration.

The area under the v-t graph represents change in position (Δx - displacement).

The area under the a-t graph represents change in velocity (Δv), due to acceleration a.

Sep 13-12:08 PM