1-d kinematics graphs worksheet

Author   Pg.   Problem   Part

	Item	Check one option from each row
What plot was given?	1	□ x vs. t □ v vs. t □ a vs. t
What information was requested?	2	□ x □ v □ a
Was there a specific time of interest?	3	□ No □ Yes, $t =$
Geometric concept used to get requested information from given plot	4	□ directly read the value(s) from □ calculate the slope of line tangent to □ calculate the accrued area under

Read the following sentence:
"To obtain [Item 2] (at time [Item 3]) from the graph of [Item 1], I will [Item 4] the graph of [Item 1]."

5 Write this sentence in handwriting with all the references filled in:

If studying slope or area, write corresponding formula(s) using variables only	6	
Substitute values and compute numerical values, if applicable	7	

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