

Use a pencil or a pen with black or dark blue ink. Do NOT write your name. Do NOT write outside the box.

Question 1

There are four versions of question 1; you will be answering one version.

Bluebook will indicate which version to answer (J, K, L, or M) and the page number in the booklet.

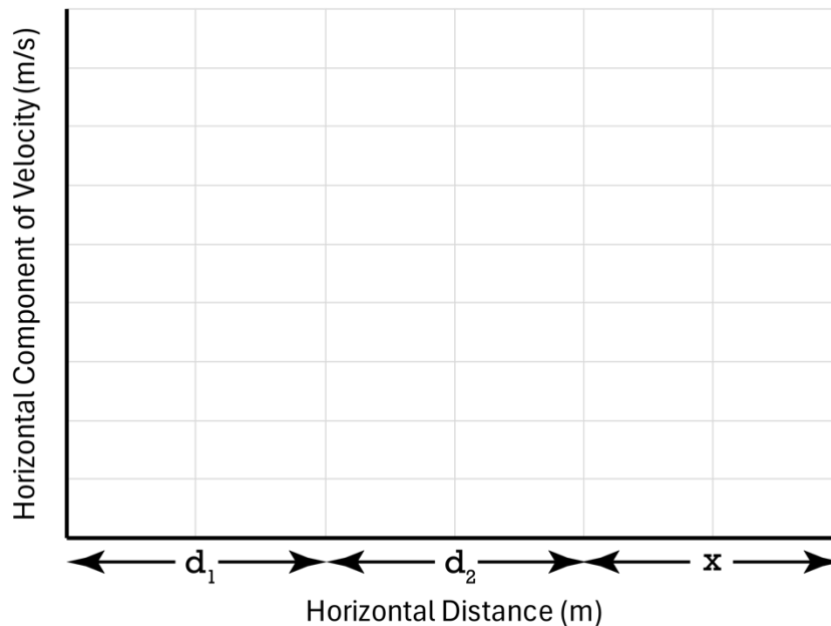
Make sure to respond in the correct space in the booklet.

Considering this is a practice exam, I have only included one version of the exam, the “FP” version, and I have not included references to booklet page numbers in the exam, however, I have included this page to help you prepare for the real exam. Also, I am not going to include multiple versions of this page because you get the point, right?

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Question 1: Version FP

PART A



PART B



Use a pencil or a pen with black or dark blue ink. Do NOT write your name. Do NOT write outside the box.

Question 1: Version FP

PART C

PART D

_____ Less than $2x$

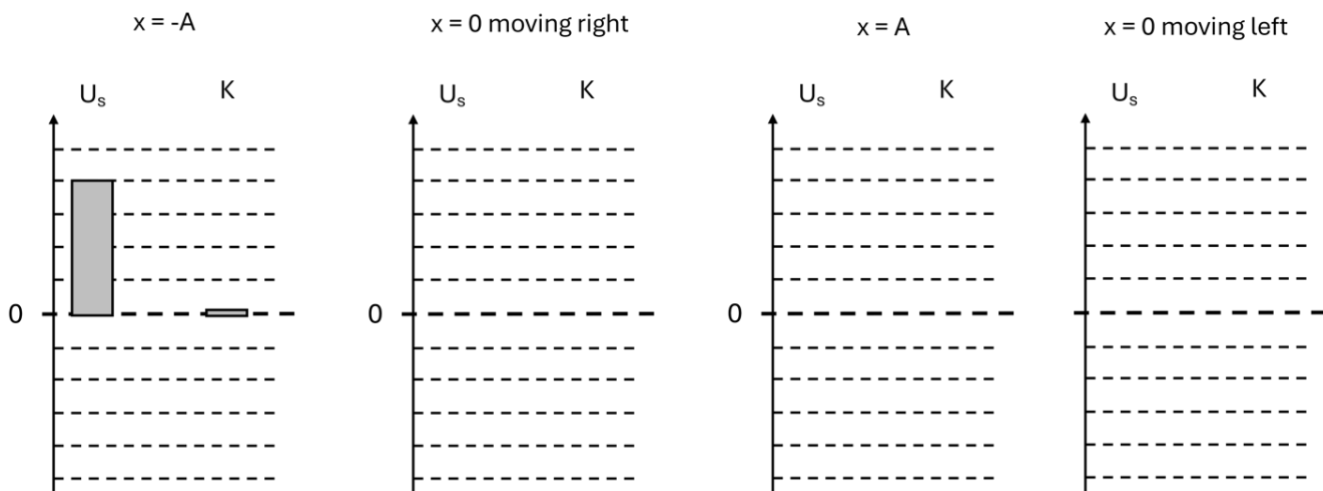
_____ Equal to $2x$

_____ Greater than $2x$

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Question 2: Version FP

PART A



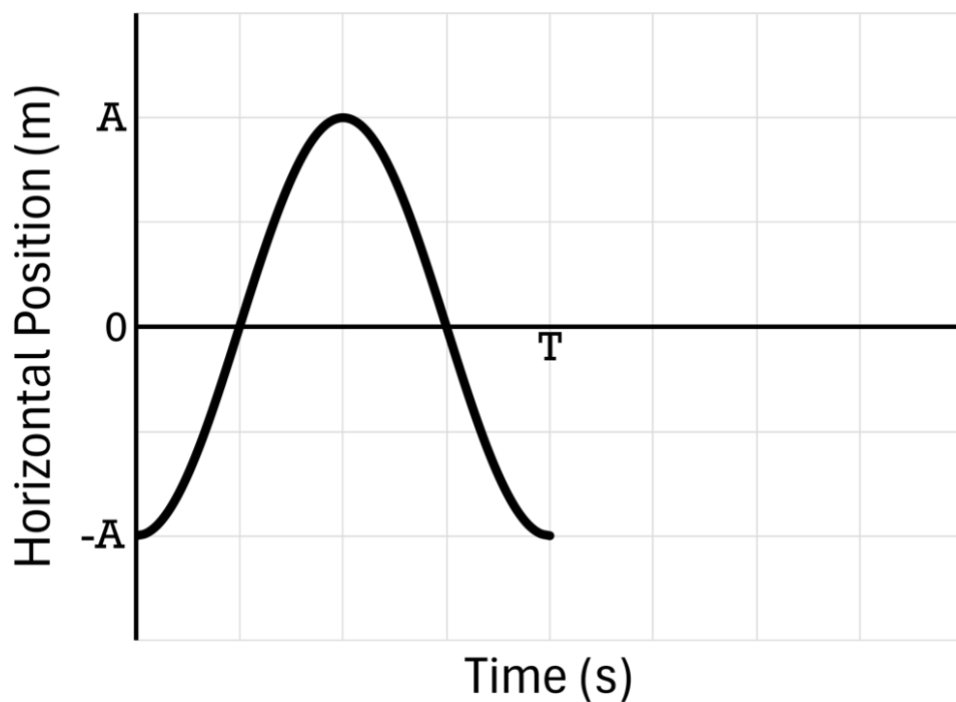
PART B

Use a pencil or a pen with black or dark blue ink. Do NOT write your name. Do NOT write outside the box.

Question 2: Version FP

PART C

PART D





Use a pencil or a pen with black or dark blue ink. Do NOT write your name. Do NOT write outside the box.

Question 2: Version FP

PART E



Use a pencil or a pen with black or dark blue ink. Do NOT write your name. Do NOT write outside the box.

Question 3: Version FP

PART A

PART B



Use a pencil or a pen with black or dark blue ink. Do NOT write your name. Do NOT write outside the box.

Question 3: Version FP

	Beaker Radius (m)	Height of Liquid (m)	
	0.04	0.042	
	0.045	0.031	
	0.05	0.027	
	0.055	0.021	
	0.06	0.019	
	0.065	0.015	
	0.07	0.014	
	0.075	0.011	
	0.08	0.01	
	0.085	0.009	

PART C

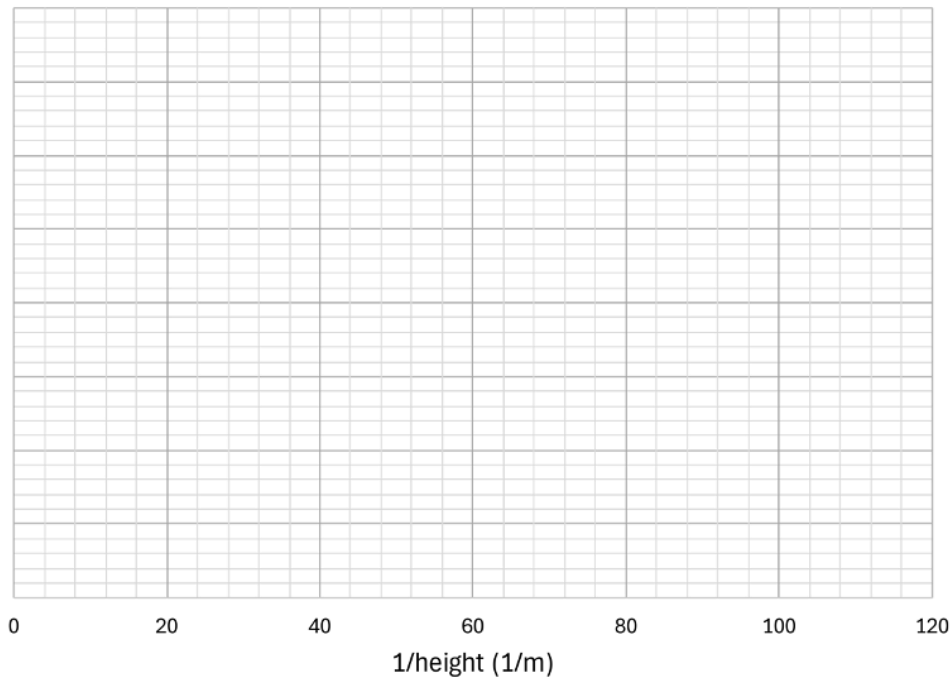
_____ Vertical Axis

_____ $\frac{1}{h}$ _____ Horizontal Axis

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Question 3: Version FP

PART C continued



PART D



Use a pencil or a pen with black or dark blue ink. Do NOT write your name. Do NOT write outside the box.

Question 4: Version FP

PART A

PART B

PART C



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Extra Paper

From the AP Exam Instructions Booklet:

“Free-response booklets are designed to include sufficient space for student responses. However, if students need additional space to complete their responses, provide paper.”

In other words, if you need extra paper, definitely ask for it!