PRINT NAME

PERM NUMBER

Put your answer in the box provided.

TA: ☐ Garo ☐ Trevor **Time:** ☐ 8am ☐ 6pm
☐ Sam ☐ 5pm ☐ 7pm

1. The table below shows the position of a point on the x-axis during the time interval $0 \le t \le 5$ where x is measured in feet and t in seconds.

t (seconds)	0	1	2	3	4	5
x (feet)	0.0	1.3	2.9	4.1	5.3	6.5

(a) What was the average speed during the five seconds?

average speed = ⬚ ft/s

(b) When was the speed greatest?

During the interval starting at $t =$ ⬚ secs

(c) Estimate the speed of the particle at $t = 2.5$ seconds.

speed $\approx$ ⬚ ft/s

A

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TA: ☐ Garo   ☐ Trevor   **Time:** ☐ 8am   ☐ 6pm
☐ Sam   ☐ 5pm   ☐ 7pm

1. The table below shows the position of a point on the x-axis during the time interval $0 \leq t \leq 5$ where x is measured in feet and t in seconds.

t (seconds)	0	1	2	3	4	5
x (feet)	0.0	1.5	2.8	4.6	7.4	8.5

(a) What was the average speed during the five seconds?

average speed = ⟨box⟩ ft/s

(b) When was the speed greatest?

During the interval starting at $t =$ ⟨box⟩ secs

(c) Estimate the speed of the particle at $t = 2.5$ seconds.

speed $\approx$ ⟨box⟩ ft/s