

PRINT NAME

PERM NUMBER

No calculators

Put your answer in the

box

provided.

TA: ☐ Garo ☐ Trevor
☐ SamTime: ☐ 8am ☐ 6pm
☐ 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	1.3	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

