Math 34A Winter 2020
Quiz #4c

No calculators

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 $0 \leq t \leq 5$ 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 = [   ] 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