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Seth Johnston

### Story

A) As Seth embarked on his journey to school from the church parking lot, he accelerated to 45 mph for 65 seconds.

B) He then slowed down gradually to 30 mph as he entered the school zone for another 30 seconds.

C) Then Seth stopped for 25 seconds.

D) He sped up to 15 mph as the traffic in front of Dean Rusk began to move for 5 seconds.

E) Seth suddenly slammed on his brake; he had hit Carly from behind at 5 mph, which caused him to stop again for 30 seconds.

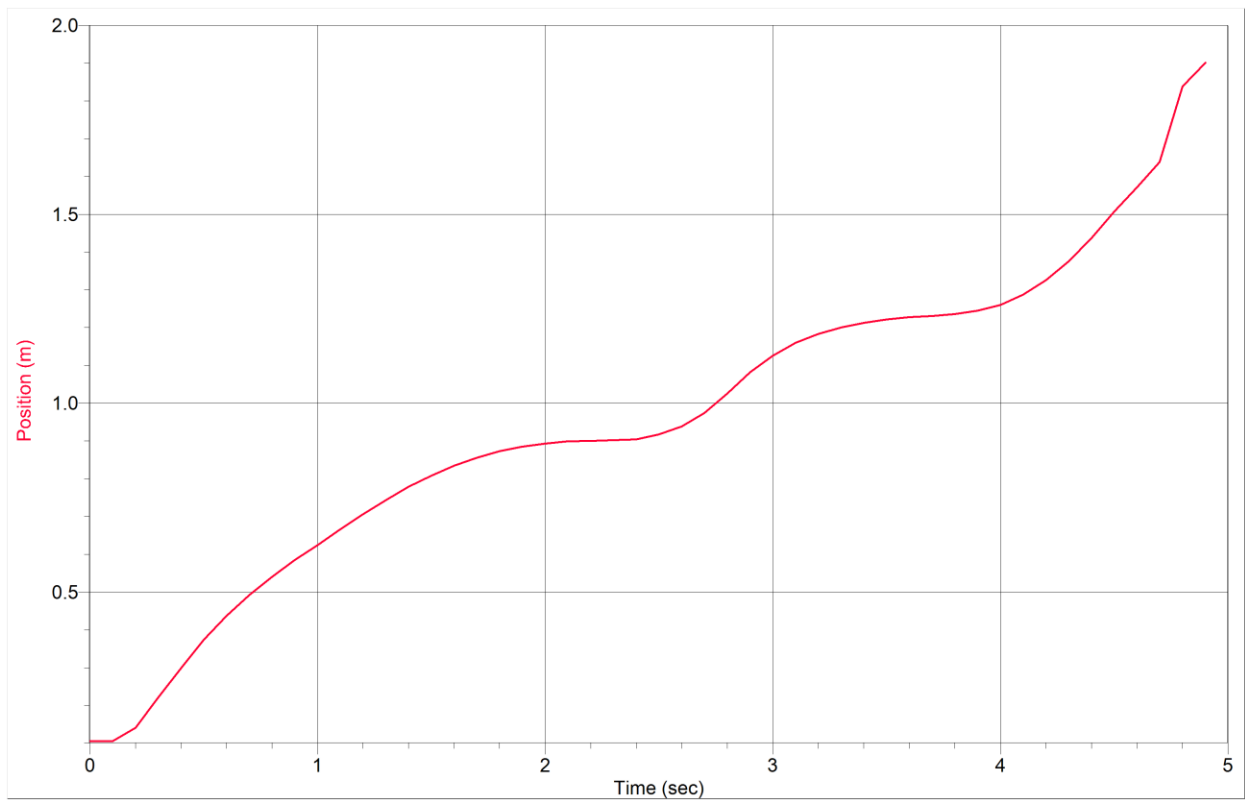
F) Seth's car would not start, so a group of firemen and policemen helped push his truck into the junior parking lot, which gradually accelerated to 20 mph for 25 seconds.

G) It then rolled to a stop.

The first column is time in seconds and the second column is position in meters.

0	0.105788	1	0.624176	2	0.89295
0.1	0.10551	1.1	0.66638	2.1	0.89878
0.2	0.141051	1.2	0.706085	2.2	0.900446
0.3	0.220461	1.3	0.743292	2.3	0.901835
0.4	0.298761	1.4	0.778832	2.4	0.904334
0.5	0.373728	1.5	0.808264	2.5	0.917106
0.6	0.436757	1.6	0.834086	2.6	0.938208
0.7	0.491733	1.7	0.855466	2.7	0.974304
0.8	0.540601	1.8	0.872681	2.8	1.02595
0.9	0.584193	1.9	0.88462	2.9	1.08259

3	1.12507	3.7	1.23114	4.4	1.43716
3.1	1.16006	3.8	1.23586	4.5	1.50713
3.2	1.1831	3.9	1.24502	4.6	1.57099
3.3	1.20087	4	1.26001	4.7	1.63846
3.4	1.21281	4.1	1.28695	4.8	1.83865
3.5	1.2217	4.2	1.32554	4.9	1.90085
3.6	1.22808	4.3	1.3758		



2m on graph = 2100m in story

5 sec. on graph= 180 sec. in story

# Seth's Wreck: Position vs. Time Graph

