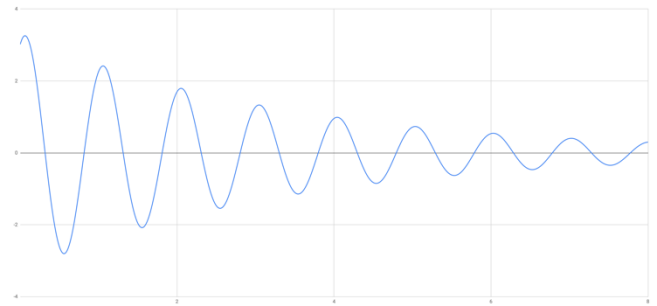


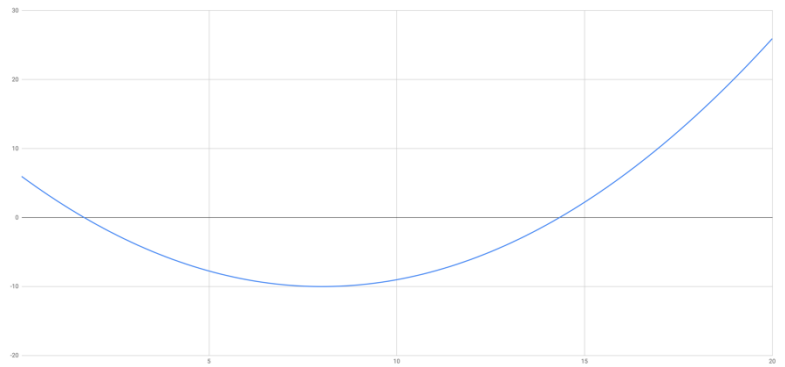
[PS3-1]

f_x	0.002			
	A	B	C	D
1	0.002	3.016		
2	0.004	3.031498		
3	0.006	3.046493		
4	0.008	3.060982		
5	0.01	3.074964		
6	0.012	3.088437		
7	0.014	3.1014		
8	0.016	3.113851		
9	0.018	3.125789		
10	0.02	3.137213		
11	0.022	3.148121		
12	0.024	3.158512		
13	0.026	3.168385		
14	0.028	3.17774		
15	0.03	3.186574		
16	0.032	3.194889		
17	0.034	3.202682		
18	0.036	3.209953		
19	0.038	3.216703		
20	0.04	3.222929		
21	0.042	3.228632		
22	0.044	3.233812		
23	0.046	3.238468		
24	0.048	3.2426		
25	0.05	3.246209		
26	0.052	3.249294		
27	0.054	3.251855		
28	0.056	3.253893		
29	0.058	3.255408		
30	0.06	3.2564		
31	0.062	3.25687		
32	0.064	3.256818		
33	0.066	3.256246		
34	0.068	3.255153		
35	0.07	3.25354		



[PS3-2]

984	19.04	24.9900		
985	19.85	25.056		
986	19.86	25.11525		
987	19.87	25.17455		
988	19.88	25.2339		
989	19.89	25.2933		
990	19.9	25.35275		
991	19.91	25.41225		
992	19.92	25.4718		
993	19.93	25.5314		
994	19.94	25.59105		
995	19.95	25.65075		
996	19.96	25.7105		
997	19.97	25.7703		
998	19.98	25.83015		
999	19.99	25.89005		
000	20	25.95		
001				



- The final time at the end of the simulation was 20 seconds
- The final velocity that I calculated was approximately 20m/s the

PS[3-3]

