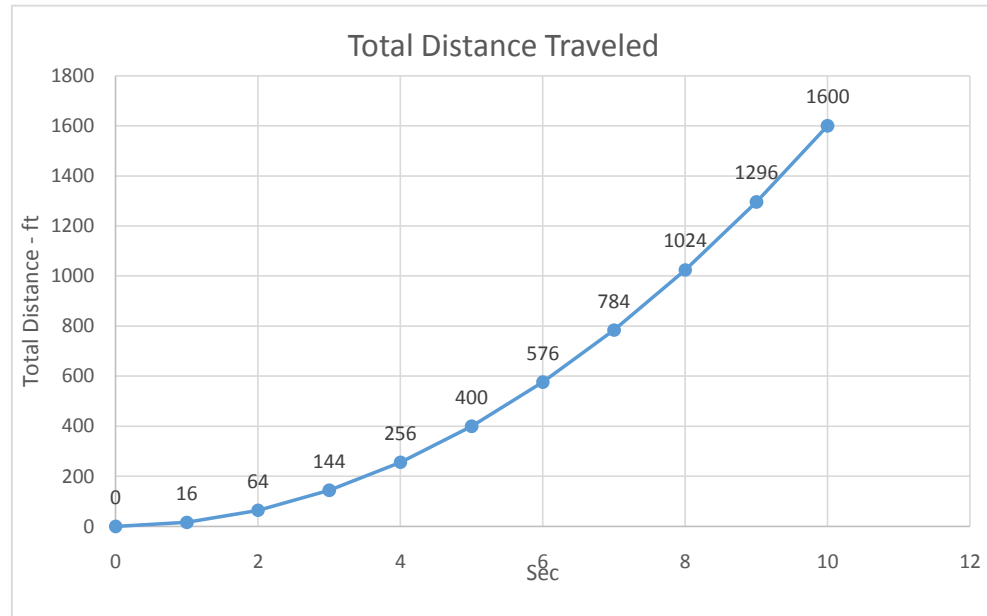


How Objects Fall in a Vacuum

Sheet 3 of 3

sec	Velocity ft/sec	Distance for each successive sec	sec	Total Distance ft
0	0	0	0	0
1	32	16	1	16
2	64	48	2	64
3	96	80	3	144
4	128	112	4	256
5	160	144	5	400
6	192	176	6	576
7	224	208	7	784
8	256	240	8	1024
9	288	272	9	1296
10	320	304	10	1600



$$y = 0.5 * a * x^2 \text{ ft}$$

y = total distance traveled (ft)

a = acceleration (ft/sec/sec)

x = time (sec)