

$\Delta s(m)$	0	0.25	0.50	0.75	1.00	1.25	1.50
$t(s)$	0.00	0.45	0.71	0.77	0.98	1.07	1.12
t^2							
a							

Table 1: Average values of time are below the corresponding values of distance

Question #3 use the collected data in table 1 and:

- Plot distance versus time
- is this a uniform motion? Explain

Question #4 use the collected data in table 1 and:

- Plot $2\Delta s$ versus t^2
- Give an interpretation of the slope of this graph
- Extract the average acceleration from the graph. and compare with the previously calculated one.