|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Total Time | Total Distance (m) | Interval Time (s) | Interval Distance (m) | Time for Graphing (s) | Interval velocity m/s (av velocity for interval) | Interval Acceleration on m/s/s  (v-u/t) |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0.1 | 0.045 | 0.1 | 0.045 | 0.05 | 0.45 | 4.5 |
| 0.2 | 0.09 | 0.1 | 0.045 | 0.15 | 0.45 | 0 |
| 0.3 | 0.145 | 0.1 | 0.055 | 0.25 | 0.55 | 1 |
| 0.4 | 0.21 | 0.1 | 0.065 | 0.35 | 0.65 | 1 |
| 0.5 | 0.29 | 0.1 | 0.08 | 0.45 | 0.8 | 1.5 |
| 0.6 | 0.38 | 0.1 | 0.09 | 0.55 | 0.9 | 1 |
| 0.7 | 0.48 | 0.1 | 0.1 | 0.65 | 1 | 1 |
| 0.8 | 0.59 | 0.1 | 0.11 | 0.75 | 1.1 | 1 |
| 0.9 | 0.71 | 0.1 | 0.12 | 0.85 | 1.2 | 1 |
| 1.0 | 0.845 | 0.1 | 0.135 | 0.95 | 1.35 | 1.5 |