|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Launch  Speed  vx(m/s) | Launch Angle  θ (degrees) | Range  R (m) | Flight Time  Tf (s) | Max. Height  H (m) | Time taken to reach Max. Height  Th (s) | |
| 15 | 25 | 17.57 | 1.29 | 2.05 | 0.65 |
| 15 | 35 | 21.55 | 1.75 | 3.77 | 0.88 |
| 15 | 45 | 22.94 | 2.16 | 5.73 | 1.08 |
| 15 | 55 | 21.55 | 2.51 | 7.69 | 1.25 |
| 15 | 65 | 17.57 | 2.77 | 9.42 | 1.39 |
| 15 | 75 | 11.47 | 2.95 | 10.7 | 1.48 |
| 15 | 85 | 3.98 | 3.05 | 11.38 | 1.52 |
| 15 | 90 | 0 | 3.06 | 11.47 | 1.53 |