# Ma3\_Task7: Launch Vehicle Tracking

## Rocket Propellant Test

### Tracking Table

Complete this tracking table to predict the approximate velocity vector for the initialization and first 5 iterations of the for loop.  
*Note: The first iteration has already been filled. Continue and fill the velocities for the next iterations.*

|  |  |  |
| --- | --- | --- |
| **Iteration** | **Index** | **Velocity (ft/s)** |
| Initialization | -- | [0] |
| 1 | 2 | [0 268.014] |
| 2 | 3 | [0 268.014 650.092] |
| 3 | 4 | [0 268.014 650.092 780.427] |
| 4 | 5 | [0 268.014 650.092 780.427 729.000] |
| 5 | 6 | [0 268.014 650.092 780.427 729.000 692.291] |