

Rocket Example Results

t (s)	v (m/s)
0	0
10	227.04
15	362.78
20	517.35
22.5	602.97
30	901.67

Polynomial Order	Velocity at t=16 in m/s	Absolute Relative Approxima te Error	Least Number of Significant Digits Correct
1	393.69	-----	
2	392.19	0.38%	2
3	392.05	0.036%	3
4	392.07	0.0051%	3
5	392.06	0.0026%	4