

Lab 2 Expectations

Submit plots: 3, 4, 5a, 5b, 6, 7

1. Nothing to turn in
2. Nothing to turn in
3. Submit the plot with the 4 graphs, along with max heights (miles)/terminal velocities (mi/sec)
4. Find the release velocity (mi/sec) and submit the plot
5. Show all work to solve the equation
 - a) Find the maximum value of y , explain your answer with a plot
 - b) Show that y tends to infinity and the terminal velocity is 0, including a graph
 - c) Find the minimum v_0 such that y tends to infinity showing all work
6. Show the system, the work to solve equation, the release velocity (mi/sec) and **two** graphs
7. Repeat question 6 with a different value for k