Name 1:

Name 2:

Name 3:

Group #:

Experiment: ***Free Fall***

**Synthesis Question 1**

*Purpose:*

*Variables (IV, DV, CV):*

*Procedure:*

*Data:*

|  |  |  |
| --- | --- | --- |
|  Mass (kg) ($\pm 0.001)$ | Terminal velocity (m/s) |  |
| Trial 1 | Trial 2 | Trial 3 | Average | SDOM |
| 0.0024 | 1.324 | 1.309 | 1.327 |  |  |
| 0.0046 | 1.773 | 2.022 | 1.915 |  |  |
| 0.0070 | 2.481 | 2.372 | 2.115 |  |  |
| 0.0092 | 2.636 | 2.673 | 2.752 |  |  |
| 0.0113 | 3.065 | 2.981 | 2.882 |  |  |
| 0.0136 | 3.233 | 3.142 | 3.281 |  |  |

*Analysis:*

*Conclusion:*