

Terminal Velocity of a Ping Pong Ball in Free Fall

A dropped ping pong ball will fall faster and faster until it reaches the terminal velocity. This is the velocity at which the gravitational force and the force of air resistance is equal, so there is no more acceleration. Design an experiment to find the terminal velocity of a ping pong ball. Carry out the experiment and write a report on your findings.

Required Elements of the write-up

- Conclusion
- Procedures
- Data
- Calculations