

Name _____

Date _____

Egg Drop Demo

Directions: *Work with a partner.* Make a prediction on the worksheet. Drop the egg with a parachute from the same height for three trials. Drop the unprotected egg from the same height for three trials. Make sure to time each trial and document on the worksheet.

Questions: Which egg will drop the fastest? Why or why not?

Prediction: *I think... because...*


Data:

Parachute Egg Drop

Height/Time	Trial 1	Trial 2	Trial 3
Acceleration Velocity Speed of each trial 			

Unprotected Egg Drop

Height/Time	Trial 1	Trial 2	Trial 3

Acceleration Velocity Speed of each trial 			
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Calculations: Calculate the acceleration, velocity and speed for each trial and document in the table above. Make sure to show your work.

- Conclusion:** Answer the prompts.
- My prediction was correct because...
 - I learned...
