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Diving Eggs Inertia Challenge Worksheet

Discussion Questions

1. Draw the setup.



- 2. Briefly describe the sequence of events in the demonstration.
- 3. State Newton's first law of motion.
- 4. What is inertia? How are mass and inertia related?
- 5. Why is Newton's first law of motion referred to as the law of inertia?
- 6. a. What balanced forces were acting on the eggs before they fell?
 - b. Was a horizontal force applied to the eggs?
 - c. Explain why the eggs dropped into the beakers in terms of Newton's first law of motion and inertia.

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