

Newton's 1st Law - the law of _____

- Objects at rest tend to _____.
- Objects in motion tend to move in a _____ at constant _____.

Inertia -

The best measure of an object's inertia is its _____.

Force -

Examples of Newton's 1st Law in Action:

In the egg demonstration:

Why does the tray fly across the table?

Why do the cardboard cylinders go with it?

Why do the eggs drop straight down into the water?

Physics Challenge: Why doesn't a car in motion on a flat road stay in motion?

Examples of Accelerated Motion:

_____ ; _____ ; _____ ;
 _____ ; _____ ; _____

Inertia resists _____.

A _____ causes _____.

Newton's 2nd Law - the law of _____

Show What You Know:

1. _____ 2. _____ 3. _____ 4. _____ 5. _____