

## Re: Nobody noes it \_yet\_

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**From:** Donald G. Shead (*dcshead\_at\_charter.net*)

**Date:** 07/30/04

Date: 30 Jul 2004 04:52:04 -0700

j.schoenfeld@programmer.net (John Schoenfeld) wrote in message  
news:<a98beaaa.0407291712.312e9f79@posting.google.com>...

CUT<

> >

> > *I don't think anybody knows \_yet\_, the difference between Galileo's*

> > *"rate of freefall" [ $s/t^2 = 16'/sec^2$ ] and Newton's "acceleration of*

> > *free fall" [ $2s/t^2 = 32'/sec^2$ ].*

>

> *What is your purpose, Shead?*

Well it started out to simply show that physics has become entangled with all sorts of loose ends because the metric system made artifacts for weights that were to be used to calibrate weight scales internationally.

These artifacts – the gram and kilogram – were to be the standard units of mass, and the fundamental units of the metric system were chosen to be: Length; Mass, and Time.

I've been trying to argue that the fundamental units of physics are: Length; Force [& weight], and Time; with mass being a ratio of force, divided the acceleration that it causes; which ratio [ $f/a$ ] is equal to the weight [ $w$ ] of an object; body, or mass of matter, divided by the acceleration [ $g$ ] at which it will free fall at the location of the scale on which it is weighed: That the measure of mass is inertia [ $m = f/a = w/g$ ].

None of you will have it, and keep knocking me down! So in my best interests; I think I'll "cool it" for a while;^)