

Re: Hi everyone!

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- *From:* Leopold Stotch <butters@xxxxxxxxxxxxxx>
 - *Date:* Fri, 11 Jul 2008 03:06:23 GMT
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Spaceman wrote:

Greg D. Moore (Strider) wrote:

"Spaceman" <spaceman@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:0pqdnWLHt73vy-vVnZ2dnUVZ_h_inZ2d@xxxxxxxxxxxxxx

Simple question here for thought..

Take a particle accelerator.
Place it in orbit.

What object will move faster for one
single pulse of on and off?

"Which has more mass?"

Remember, $F=ma$ and your forces have to balance.

If the accelerator is 1 billion times the mass of the particle, it
will accelerate a 1 billionth the velocity.

No shit.
You are finally getting it now.
Now expand on such thoughts..
the last post you made said the difference in mass
would not make a difference.
So.
Think more now please.
The accelerator is now moving in a circle
at 1 billionth of the speed the particle moved
at right?

Would you need the particle to move at the same
speed (relative mass) in reverse to stop that?
Or would a less "relative mass" stop such as fast as

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the higher relative mass started to turn it with?

Hint: the less relative mass would take longer to stop it.

:)

Dumbass, a particle accelerator would be ejecting mass out the backend just like a rocket. Rockets work according to well known Newtonian physics. Your idea is to shoot a mass out then pull it back "slowly" (the "slowly" part apparently being your great contribution to the world). Here's a clue, the total energy required to move your mass to the "right" is exactly the same energy required to move your mass back to the "left" (even if you do it ****slowly****). You will create no net motion with this scheme in a frictionless system (i.e. space).

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