Orbital Times

If the Earth were to suddenly double in mass, what would happen the Moon's orbital period?

- Increase
- Decrease
- Stay the same
- Can't Tell
- The Moon would vanish

Newton's Laws

1. A body at rest stays at rest, and a body in motion moves at a constant speed in a straight line unless a force acts upon it.

2. A force acting on a body causes it to accelerate in the direction of the force...

3. For every force on a body, there is an equal and opposite force acting on another body

When you put on a car's brakes, which one of Newton's laws do you feel?

- First
- Second
- Third
- All of them

Acceleration is...

Which control makes you accelerate?

- Brakes
- Gas pedal
- Steering wheel
- All of the above
- Windshield wipers

Orbital times

Comet Hyakutake has an orbital period of 65,000 years
Comet Hale-Bopp has an orbital period of 4,000 years

What determines their respective orbital periods?

- Their mass (weight)
- Their maximum distance from the Sun (apehelion)
- Their minimum distance from the Sun (perihelion)
- Their average distance from the Sun (semimajor axis)
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