



Name: _____

Date: ___ / ___ / ___ Period ___ Room ___

BNSG
0520

Motion



While watching, complete this video guide.

Three things I knew
that were confirmed in
the video:

A- _____

B- _____

C- _____

Three things I didn't know
but I now know because I
watched the video.

A- _____

B- _____

C- _____

- ___ Δ 1. Everything that exists in the universe is in _____.
- ___ Δ 2. To figure out motion, you need to know if you are pushing things or if things are _____ you.
- ___ Δ 3. The air scooter does not _____ until it is pushed.
- ___ Δ 4. If something is _____, it stays still unless an outside force acts upon it.
- ___ Δ 5. _____ is a property of matter.
- ___ Δ 6. Whether an _____ is moving or staying still, it has inertia.
- ___ Δ 7. Things can / cannot be moved if it is pushed or pulled.
- ___ Δ 8. Newton's _____ law of motion states that an object at rest stays at rest and an object in motion stays in motion.
- ___ Δ 9. Newton's third law of motion states that for every action there is an equal and opposite _____.
- ___ Δ 10. The scale is measuring the pull of the Earth's _____ on the apple.
- ___ Δ 11. When the plane pulls up the scale reads _____ because the plane is pulling the apple against gravity.
- ___ Δ 12. In _____ the laws of motion still apply.
- ___ Δ 13. The tablecloth couldn't move objects because it was moving too _____ to affect their inertia.
- ___ Δ 14. The solar system does / does not move.
- ___ Δ 15. Even if we do not feel it we are all moving very slow / pretty fast.