

Practice Test

Lessons 6 and 7

These are true/false questions! Write "T" in the blank if the statement is true. Write "F" if it is false.

____ 1. Mechanics is the study of motion.

____ 2. Everything in the universe is moving all the time.

____ 3. Inertia means that objects travel in a circle.

____ 4. A force is a pull or a push on an object.

____ 5. An object will change direction if its energy runs out.

____ 6. Rockets are launched into space because of the force pushing on the launch pad.

____ 7. If an astronaut becomes untied from her spaceship, she can swim back to it.

____ 8. We live with gravity every single day.

____ 9. Friction only applies to cars on roads.

____ 10. The force of gravity pulls on everything.

____ 11. The force of gravity pushes on everything.

____ 12. Traction increases friction.

____ 13. Wet roads increase friction.

____ 14. When two different materials stick to each other it is cohesion.

____ 15. Lubricants help to lessen friction.