

# 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.

  **T**  1. Mechanics is the study of motion.

  **T**  2. Everything in the universe is moving all the time.

  **F**  3. Inertia means that objects travel in a circle.

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

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

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

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

  **T**  8. We live with gravity every single day.

  **F**  9. Friction only applies to cars on roads.

  **T**  10. The force of gravity pulls on everything.

  **F**  11. The force of gravity pushes on everything.

  **T**  12. Traction increases friction.

  **F**  13. Wet roads increase friction.

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

  **T**  15. Lubricants help to lessen friction.