

Newton's Laws Friction Physics Classroom Answer Key

Newton's Laws Friction Physics Classroom Answer Key - 7. Consider Newton's second law of motion to determine which of the following statements are true? List all that apply. If an object is accelerating to the right, the net force on the object must be directed towards the right. Newton's laws of motion are three physical laws that, together, laid the foundation for classical mechanics. They describe the relationship between a body and the forces acting upon it, and its motion in response to those forces.

- Newton's 1st Law is also called the Law of Inertia.
- A body in motion stays in motion in a straight line unless acted upon by an external force.
- This law is commonly applied to the horizontal component of velocity, which is assumed not to change during the flight of a projectile.

Today's lesson is meant to help students review Newton's Laws and see how those laws are tested in the AP Physics 1 Exam. I've chosen to do a full day of AP preparation for this unit because I want students to get prepared for the endurance and focus that the College Board requires.