

Practice Final B

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- Why are peer reviews important?
 - Scientists receive questions and criticism from their peers.
 - Data are checked for accuracy.
 - Scientists receive comments and suggestions from other scientists.
 - All of the above
- What physical properties of nylon and leather make them good materials to use for shoelaces?
 - high density and low conductivity
 - durability and flexibility
 - hardness and durability
 - low viscosity and flexibility
- Collisions of helium atoms with the walls of a closed container cause
 - condensation.
 - gas pressure.
 - a decrease in volume.
 - an overall loss of energy.
- The phase change in which a substance changes from a liquid to a gas is
 - deposition.
 - sublimation.
 - condensation.
 - vaporization.
- What can you assume has happened if an electron moves to a higher energy level?
 - The atom has become more stable.
 - The electron has lost energy.
 - The electron has gained energy.
 - The atom has lost an electron.
- Which list of elements contains only metals?
 - carbon, iodine, tin
 - tin, copper, cesium
 - helium, iron, copper
 - iodine, carbon, argon
- Which statement best describes the properties of sodium chloride?
 - Sodium chloride is a malleable solid.
 - Solid sodium chloride is a good conductor of electric current.
 - Sodium chloride has a low melting point.
 - Liquid sodium chloride is a good conductor of electric current.
- Which of the following compounds does NOT contain molecules?