

- 11** Which statement explains why the thermodynamic temperature scale is considered more fundamental than the Celsius temperature scale?
- A** The thermodynamic temperature scale is determined using the triple point of water instead of ice point, which is more reproducible.
  - B** The thermodynamic temperature scale is independent of the properties of materials.
  - C** The thermodynamic temperature scale can measure a greater range of temperatures.
  - D** The thermodynamic temperature scale is related to the random kinetic energy of the particles.