ORTEGA Y GASSET

Science:Energy

Choose the correct answer

1. **Energy is _____**

   a) a measurement of particles movement
   b) the capacity to cause change or do work.
   c) the capacity of having particles.

1. **Which type of energy is stored in the bonds of molecules and released during a reaction?**
   a) Gravitational energy
   b) Chemical energy
   c) Sound energy

2. **Which type of energy is produced by vibrating objects and travels in waves?**
   a) Sound energy
   b) Thermal energy
   c) Electrical energy

3. **Which form of energy is associated with the movement of charged particles?**
   a) Nuclear energy
   b) Electrical energy
   c) Gravitational energy

4. **Which type of energy is released when an atomic nucleus splits or fuses?**
   a) Chemical energy
   b) Nuclear energy
   c) Thermal energy

5. **Which form of energy is related to an object's height and position relative to the ground?**
   a) Gravitational energy
   b) Sound energy
   c) Electrical energy

6. **Which type of energy increases with temperature due to the movement of particles?**
   a) Chemical energy
   b) Thermal energy
   c) Nuclear energy

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