

Forms of Energy Quiz

- | | |
|---------------------|--|
| 1. _____ Mechanical | A. Energy that can be caused by changes in the nucleus of an Atom, joining or splitting. |
| 2. _____ Radiant | B. Caused by an objects vibrations. Causes air particles to vibrate allowing energy to travel from particle to particle. |
| 3. _____ Sound | C. Total energy of the particles that make up an object. Higher temperature, particles move faster. |
| 4. _____ Chemical | D. Energy that matter has because of its motion or position. Either the matter has energy stored by its position or shape, or the matter is in motion. |
| 5. _____ Electrical | E. Caused by the vibrations of electrically charged particles, also called electromagnetic or light energy, can travel through spaces that are absent matter. |
| 6. _____ Nuclear | F. Energy stored in a substance that can be released through a chemical change. [When the substance reacts] |
| 7. _____ Thermal | G. Energy of moving electrons. Usually transformed into other forms of energy to help us do work. |
| 8. _____ Energy | H. Energy of motion. |
| 9. _____ Potential | I. The ability to do work. |
| 10. _____ Kinetic | J. The energy an object has because of its position or shape. |

Categorize each of the energies below as either Potential Energy or Kinetic Energy. Write A for Potential and B for Kinetic.

11. _____ Radiant
12. _____ Sound
13. _____ Chemical
14. _____ Electrical
15. _____ Nuclear
16. _____ Thermal

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B Lingard



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