

Name:
Surname:

Forms of Energy (Worksheet)

Q.1 Label the forms of energy shown in the images below.

• Sound Energy	• Light Energy	• Electrical Energy
• Mechanical Energy	• Thermal Energy	

Q.2. Fill in the blanks with suitable words.

• potential	• energy	• light	• kinetic
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- a) _____ is the ability to do work.
b) _____ energy is the energy that is stored in an object due to its position.
c) _____ energy is the energy of motion.
d) Plants need _____ energy to make food.

Q.3. Which form of energy is stored in the bonds between atoms and molecules?

- | | |
|---------------|-------------|
| a) Sound | b) Chemical |
| c) Electrical | d) Thermal |

Q.4. Which form of energy is generated by the movement of electrons?

- | | |
|---------------|-------------|
| a) Sound | b) Chemical |
| c) Electrical | d) Thermal |

Q.5. Which form of energy causes particles to vibrate back and forth?

- | | |
|---------------|-------------|
| a) Sound | b) Chemical |
| c) Electrical | d) Thermal |

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Q.6. Which form of energy is stored in the nucleus of an atom?

- a) Thermal
- b) Chemical
- c) Electrical
- d) Nuclear

Q.7. Which is NOT a form of energy?

- a) Thermal
- b) Pressure
- c) Chemical
- d) Nuclear

Q.8.



_____ energy examples include television screens, candles, and the sun.

- a) Mechanical
- b) Chemical
- c) Light
- d) Nuclear

Q.9. At higher temperatures, particles of the object move faster. So, the object's _____ energy increases.

- a) sound
- b) nuclear
- c) chemical
- d) thermal

Q.10.



Batteries, gasoline, and foods are examples of _____ energy.

- a) mechanical
- b) chemical
- c) light
- d) nuclear

Q.11. Which of the following is NOT an example of potential energy?

- a) Sound Energy
- b) Nuclear Energy
- c) Chemical Energy
- d) Gravitational Energy

Q.12. Which of the following is NOT an example of kinetic energy?

- a) Sound Energy
- b) Thermal Energy
- c) Chemical Energy
- d) Electrical Energy