

Name:

Date:

Energy - 2**II. Find out the energy conversion that takes place in the following.**

- | | | |
|----------------------|------------------------|------------------------|
| 1. Iron box | : Chemical energy | → Heat energy |
| 2. Electric Iron box | : <input type="text"/> | → <input type="text"/> |
| 3. Electric fan | : <input type="text"/> | → <input type="text"/> |
| 4. Speaker | : <input type="text"/> | → <input type="text"/> |
| 5. Generator | : <input type="text"/> | → <input type="text"/> |

III. Find out the form of energy possessed by the following things.

- | | |
|--------------------------------|----------------------|
| 1. A rock on the top of a hill | <input type="text"/> |
| 2. A rolling ball | <input type="text"/> |
| 3. Charcoal | <input type="text"/> |
| 4. Water falls | <input type="text"/> |
| 5. Battery | <input type="text"/> |

Potential energy**Kinetic energy****Kinetic energy****Chemical energy****Heat energy****V. Say True or False.**

- | | |
|---|----------------------|
| 1. An apple falling from a tree is an example for kinetic energy. | <input type="text"/> |
| 2. Electrical energy is used to run electric trains. | <input type="text"/> |
| 3. Heat energy cannot be produced by friction. | <input type="text"/> |
| 4. Potential energy and heat energy are the two forms of mechanical energy. | <input type="text"/> |
| 5. The unit of energy is joule. | <input type="text"/> |