

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 | :                 | →             |
| 3. Electric fan      | :                 | →             |
| 4. Speaker           | :                 | →             |
| 5. Generator         | :                 | →             |

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

- |                                |  |
|--------------------------------|--|
| 1. A rock on the top of a hill |  |
| 2. A rolling ball              |  |
| 3. Charcoal                    |  |
| 4. Water falls                 |  |
| 5. Battery                     |  |

**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.           |  |
| 2. Electrical energy is used to run electric trains.                        |  |
| 3. Heat energy cannot be produced by friction.                              |  |
| 4. Potential energy and heat energy are the two forms of mechanical energy. |  |
| 5. The unit of energy is joule.   |  |