**Part 4. Forms of Energy Continued**

Directions: Match the energy form(s) to the description provided. A few questions may have more than one answer.

\_\_\_\_\_\_\_\_\_\_\_\_\_1. Falling rocks from the top of a mountain (a) Mechanical

\_\_\_\_\_\_\_\_\_\_\_\_\_2. Release of energy from the Sun (b) Electrical

\_\_\_\_\_\_\_\_\_\_\_\_\_3. Energy released from food after it is eaten (c) Heat

\_\_\_\_\_\_\_\_\_\_\_\_\_4. Batteries (d) Radiant

\_\_\_\_\_\_\_\_\_\_\_\_\_5. The energy that runs a refrigerator (e) Chemical

\_\_\_\_\_\_\_\_\_\_\_\_\_6. Nuclear fission reactors (f) Nuclear

\_\_\_\_\_\_\_\_\_\_\_\_\_7. The rumble of thunder from a storm (g) Sound

\_\_\_\_\_\_\_\_\_\_\_\_\_8. Rubbing your hands together

­\_\_\_\_\_\_\_\_\_\_\_\_\_9. Gasoline

\_\_\_\_\_\_\_\_\_\_\_\_\_10. Food before it is eaten

\_\_\_\_\_\_\_\_\_\_\_\_\_11. Lightening

**Part 5. Transformation of Energy**

Directions: Use the following forms of energy to fill in the table below: **mechanical, electrical, heat, radiant, chemical, nuclear, and sound**. The first one has been done for you.

|  |  |  |
| --- | --- | --- |
|  | **ORIGINAL ENERGY FORM** | **FINAL ENERGY FORM** |
| 1. Electric motor | electrical | mechanical |
| 2. A battery that runs a moving toy |  |  |
| 3. A solar panel on the roof of a house |  |  |
| 4. A person lifting a chair |  |  |
| 5. A nuclear power plant |  |  |
| 6. A toaster |  |  |
| 7. A church bell |  |  |
| 8. Gasoline powering a car |  |  |
| 9. A light bulb |  |  |
| 10. Photosynthesis  |  |  |