

Forms of Energy

Name _____ Per _____

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

____A____ 1. Falling rocks from the top of a mountain (a) Mechanical

____F, D, C____ 2. Release of energy from the Sun (b) Electrical

____E____ 3. Energy released from food after it is eaten (c) Heat

____E____ 4. Batteries (d) Radiant

____B____ 5. The energy that runs a refrigerator (e) Chemical

____F____ 6. Nuclear fission reactors (f) Nuclear

____B____ 7. The rumble of thunder from a storm

____A, C____ 8. Rubbing your hands together

____E____ 9. Gasoline

E____ 10. Food before it is eaten

____B, D____ 11. Lightening

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	electrical	mechanical
3. A solar panel on the roof of a house	radiant	electrical
4. A person lifting a chair	chemical	mechanical
5. A nuclear power plant	nuclear	electrical
6. A toaster	electrical	thermal
7. A church bell	mechanical	sound
8. Gasoline powering a car	chemical	mechanical

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