

# Energy Forms

Name \_\_\_\_\_ Per. \_\_\_\_\_

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1. Does your body have thermal energy? \_\_\_\_\_ If so, where does it get it?
2. Which has the most thermal energy, a cup of coffee or a glass of ice water?
3. List three things that store chemical energy and tell what the energy is used for when it is released.
4. What three things can happen to light when it strikes an object?
5. Light striking an object can cause it to get warmer. This means that light energy can be converted into what other kind of energy? \_\_\_\_\_
6. Besides light, what is another type of radiant energy? \_\_\_\_\_
7. List three things that electrical energy is used for.
8. Electrical energy can be converted into other types of energy. List 2 different types of energy that electrical energy can be converted to and tell what kind of device is used to convert it. (EXAMPLE: A toaster is a device that turns electrical energy into thermal energy.)
9. Chemical energy is produced by reactions involving only the electrons of atoms. What part of the atom is involved in nuclear energy?
10. Tell what types of energy are PRODUCED or STORED by the following devices. Most devices can release more than one type.  

LIGHT BULB _____	GAS HEATER _____
BATTERY _____	FOOD _____
CANDLE _____	ATOMIC BOMB _____