

Name: _____

Date: _____

ENERGY TEST

1. Circle **True** or **False**:

- | | | |
|---|------------------------------------|------------------------------------|
| a) Energy makes things happen. | <input checked="" type="radio"/> T | F |
| b) Energy cannot makes things move. | T | <input checked="" type="radio"/> F |
| c) Wind is the most important source of energy. | T | <input checked="" type="radio"/> F |
| d) Plants get their energy from the sun. | <input checked="" type="radio"/> T | F |
| e) The sun provides the earth with light. | <input checked="" type="radio"/> T | F |
| f) Humans get energy from food. | <input checked="" type="radio"/> T | F |
| g) Animals get energy from rocks. | T | <input checked="" type="radio"/> F |
| h) All toys need batteries. | T | <input checked="" type="radio"/> F |
| i) Sound is an energy output. | <input checked="" type="radio"/> T | F |
| j) Sources of energy never run out. | T | <input checked="" type="radio"/> F |
| k) Life would be the same without electricity. | T | <input checked="" type="radio"/> F |
| l) Hamburgers are a source of energy. | <input checked="" type="radio"/> T | F |
| m) I am using energy right now. | <input checked="" type="radio"/> T | F |

2. What is the **source of energy**?

- | | |
|--------------|--------------------|
| a) Car | <u>Gasoline</u> |
| b) Microwave | <u>Electricity</u> |
| c) Wagon | <u>Muscle</u> |
| d) Person | <u>Food</u> |
| e) Tree | <u>Sun</u> |

3. What is the **energy output**?

- a) Stove Heat
- b) Radio Sound
- c) Light bulb Light
- d) Bus Movement
- e) Flower Growth

4. Draw and label an **energy chain**:

Need to have: Sun, Plant, Animal, Carnivore

5. In class we made a toy. Answer these questions about that toy:

a) How did the toy get energy?

Muscle

b) What was the energy output?

Movement

6. Draw and label a picture of something using energy in your home.

7. How can you save energy at home?

Many possible answers.

8. Draw a picture of a plant that gets a lot of sunlight, and a plant that does not get sunlight.



Sunlight

alive

No Sunlight



dead

Question	1	2	3	4	5	6	7	8	Total
Points	13	5	5	4	2	2	2	2	35

ENERGY



ELECTRICITY

ENERGY

FOOD

GASOLINE

GROWTH

HEAT

LIGHT

MOVEMENT

MUSCLE

SOUND

SUN

WIND