

Name: \_\_\_\_\_

## Worksheet 10

I. Choose the correct answer from the box:

Circuit	Static electricity	Current electricity	Bits	Light bulb
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1. \_\_\_\_\_ It turns on when all wires are connected.
2. \_\_\_\_\_ It is a kind of energy made by tiny bits of matter.
3. \_\_\_\_\_ It is a path.
4. \_\_\_\_\_ It is a kind of energy that moves along a path.
5. \_\_\_\_\_ It creates a charge when they attract or repel each other.

II. Multiple choice: Circle the right answer:

1. \_\_\_\_\_ change other kinds of energy into electricity.
  - a. Power plants
  - b. Circuit
  - c. Static electricity
  - d. Current electricity

2. Current electricity can be change into heat, light, or \_\_\_\_\_ energy.
- a. water
  - b. solid
  - c. chocolate
  - d. sound
3. Tiny bits stick together and \_\_\_\_\_.
- a. pull apart
  - b. push apart
  - c. left behind
  - d. go ahead
4. You can make static electricity by \_\_\_\_\_ some things together.
- a. lifting
  - b. touching
  - c. rubbing
  - d. pushing
5. Lightning is \_\_\_\_\_.
- a. beautiful
  - b. powerful
  - c. current electricity
  - d. static electricity

### III. True or False

1. \_\_\_\_\_ Electricity can not move if the circuit is not connected.
2. \_\_\_\_\_ The electricity runs through water pipe to your house.

3. \_\_\_\_\_ Fire runs from the outlet to the toaster.
4. \_\_\_\_\_ Sometimes you can see or hear a static charge.
5. \_\_\_\_\_ foods can come from batteries or from outlets in the wall of a home.

IV. Enumeration (Bonus questions: not graded)

1. Give 2 devices that can be use by electricity in our home.

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2. Give 2 examples of a static electricity.

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