Test: Types of Electricity

Name:_____

Part A Fill in blanks with the words below. Spell them properly. Capitalize properly.

1. Two main types of electricity are _____ and _____ electricity.

2. Electrons moving along a line (usually a wire) or conductor for the purpose of powering a device is a description of _____ electricity.

3. _____ electricity is caused by a buildup of _____ charges in one place and positive charges in another. When the attraction between the positive and _____ charges becomes strong enough, the particles quickly stream back together.

4. The flow of electricity is considered to be a(n) _____ current when the electricity is traveling in one direction. Its short form is _____. Most portable devices that run on batteries use this type of electricity.

5. The type of current electricity that flows back and forth, reversing directions each time, is called a(n)_____ current. Its short form is ___.

6. When you plug a light into a wall socket, the light is using an _____ current.

Part B Write *static* or *current* to make each statement true.

a. Lightning is an example of _____ electricity.

b. When you use a light switch you are using _____ electricity.

c. A battery, or battery powered devices, use _____ electricity.

d. Rubbing a balloon on your hair and then having the balloon stick to a wall is an example of _____ electricity.

e. Dragging your feet on the ground and feeling a little 'zap' when you reach out and touch something like a doorknob is an example of _____ electricity.

Words

- current
- negative
- static
- batteries
- alternating
- direct
- DC
- AC