1. **Knowledge.** What is electricity in **your** view?

2. **Knowledge**. Identify some of the sources of electrical energy that you may be familiar with.

a)

b)

c)

d)

3. **Knowledge**. Identify some of the forms into which electricity can be converted.

a)

b)

c)

d)

4. **Research**. Why should we do our best to **conserve** electrical power?

5. **Research**. What is *Phantom Power* and what should we do about it?

4. **Research.** List 4 precautions you must consider when working with, or around, electricity.

a)

b)

c)

d)

4. **Research**. Some materials are good **conductors** of electricital energy and some are not (**insulators**). Indicate as many materials as you can think of that belong to each category.

|  |  |
| --- | --- |
| **Conductor** | **Insulator** |
|  |  |

5. **Research**. For the batteries depicted below, identify their name, voltage, and current capacities.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Battery** | CR2025.png | AAABattery.png | AABatteryThumb.jpg | 9VBattery.jpg |
| **Name** |  |  |  |  |
| **(Initial) Voltage** |  |  |  |  |
| **(Initial)  Current Capacity  (in mAh)** |  |  |  |  |