**Electricity Review Answer Key**

1. **What charge does an electron have?**

**Electrons have negative (-) charges.**

1. **Define electricity in your own words. Use complete sentences.**

**Electricity is the presence or movement of charged particles like electrons.
Charged particles flow easily in conductors, but do not flow easily in insulators.**

1. **What happens to electrons in a conductor?**

**Electrons flow easily in conductors.**

1. **What happens to electrons in an insulator?**

**Electrons cannot flow easily in insulators.**

1. **For each type of material, indicate in the table below whether it is a conductor or an insulator.
Also write why you think each material is a conductor or insulator.**

|  |  |  |
| --- | --- | --- |
| **Material** | **Conductor or Insulator?** | **Why?** |
| **plastic** | **insulator** | **nonmetal** |
| **copper** | **conductor** | **metal(discussed in associated lesson)** |
| **rubber** | **insulator** | **nonmetal(discussed in associated lesson)** |
| **steel** | **conductor** | **metal** |
| **wood** | **insulator** | **nonmetal** |
| **glass** | **insulator** | **nonmetal** |
| **gold** | **conductor** | **metal** |