

## Electricity Review **Answer Key**

1. What charge does an electron have?  
**Electrons have negative (-) charges.**
  
2. 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.**
  
3. What happens to electrons in a conductor?  
**Electrons flow easily in conductors.**
  
4. What happens to electrons in an insulator?  
**Electrons cannot flow easily in insulators.**
  
5. 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	<b>insulator</b>	<b>nonmetal</b>
copper	<b>conductor</b>	<b>metal (discussed in associated lesson)</b>
rubber	<b>insulator</b>	<b>nonmetal (discussed in associated lesson)</b>
steel	<b>conductor</b>	<b>metal</b>
wood	<b>insulator</b>	<b>nonmetal</b>
glass	<b>insulator</b>	<b>nonmetal</b>
gold	<b>conductor</b>	<b>metal</b>