

Date Started:	Date Completed:	Score:
	Learning Activi	ity Sheet
	Electricity—The Cha	arging Process
A. Choose the letter of the	he correct answer and write it in the bl	ank provided before each number.
1. What is the char	rge of an object with fewer electrons the	han protons?
A. negatively cl B. neutrally cha C. positively ch D. no charge	arged	
2. What happens v	when two objects are rubbed against ea	ach other?
B. They will bo C. One of them	oth lose electrons. oth gain electrons. will lose an electron. es will remain the same.	
3. What is necessa	ary for charging by friction to occur?	
B. The two object. The two objects	ects need to both be charged. ects need to rub or slide against each o ects need to be stacked on top of each ects need to be plugged into an electric	other.
4. What is involve	ed in the process of charging by conduc	ction?
B. It involves to C. It involves to	ouching a neutral particle to a conduct ouching a charged particle to an insula ouching a charged particle to a conduct the disengagement of a charged particle	ted material. tive material.
5. What do you ca	ll an object that can remove the excess	s charge and make an object neutral?
A. conductor B. electron C. ground D. neutron		
6. Which of the fo	llowing explains charging by inductio	n?
B. It is the proc C. It is a proces		

Name:____



7. What will happen if you accidentally touch an improperly insulated wire of an electric appliance that is plugged in?
A. The electric flow will stop.B. You may get electrocuted.C. The appliance will stop working.D. Nothing will happen to you or the appliance.
8. Which process involves rubbing of one particle on another resulting in the transfer of electrons from one surface to the other?
A. charging by conduction B. charging by friction C. charging by induction D. charging by radiation
9. Which method of charging requires a charging body to be in direct contact with the body that is being charged?
A. charging by conduction B. charging by convection C. charging by friction D. charging by induction
10. If the charging body is positively charged, what will be the charge of the neutral body after charging by conduction?
A. discharged B. negative C. neutral D. positive

B. Using the table below, explain the three processes of charging and determine the charge that is produced.

Charging by Friction	Charging by Conduction	Charging by Induction

