NameClass	Date
Assessment	*
Quiz	
Sastiamy Flactuic Chause and	<b>F</b>
Section: Electric Charge and	2000年
In the space provided, write the letter of the each statement or best answers each que	
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1. Positive charges	
a. attract	c. repel
b. cancel	d. join
2. The electric force between two	
distance between them decreas	
a. increases	c. remains constant
b. decreases	d. None of the above
3. Which of the following is a neg	gatively charged particle?
a. proton	c. coulomb
b. electron	d. neutron
4. Electric field lines show the stre	ength and of an electric
field.	
a. polarization	c. temperature
b. direction	d. friction
n the space provided, write the letter of the	e term or phrase that best matches eac
escription.	
5. a material that allows electric	a. electrical
charges to move easily	insulator
6. SI unit of electric charge	b. electrical
	conductor
7. alignment of charges at the	c. electric force
surface of an object producing a	the control of the co
induced charge	e. coulomb f. electric charge
8. the force of attraction or repulsion	on T. Electric charge
between objects due to charge	
9. a material that does not easily	
transfer electric charge	
10. an electrical property of matter that creates electric and magnetic	0
forces and interactions	

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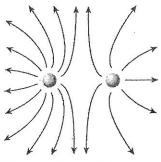
Section: Ele	ctric Charge	and Force
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1. <b>Describe</b> the interaction between two unlike charges.		
	nt by which the electric force between two charges is stance between the charges is halved.	
. Categorize the follow	ring as conductors or insulators:	
3	a. salt water	
	b. a silver belt buckle	
~~	a a riese of wood	

4. **Determine** whether each charge in the diagram below is positive or negative. Indicate which charge is greater.

d. a penny

e. a candy bar



- 5. Suppose the electric field in a region points upward.
  - a. Determine the direction of the electric force on a proton placed in the field.
  - b. Determine the direction of the electric force on an electron placed in the field.
  - c. **Compare** the accelerations of the proton and electron placed in this electric field.