Name: _____ Date: _____

Division: _____

Electrical Charge

Video Questions

1. Materials that are _____ allow _____ to move freely.
2. What causes charged particles to move is an _____ of _____, when some part of an object has a _____ of free electrons than _____.
3. An object has a net negative charge when it has _____.
4. An object that has _____ is missing free electrons.
5. The Law of Conservation of Electric Charge states that: You can never _____ a net electric charge. Charge can only _____ from _____ to _____.
6. When an object is polarized, it has an internal _____, even though it is still electrically neutral.
7. Charging by _____ creates a _____ even without contacting _____.
8. Allowing all of the excess charge in an object to pass into the Earth is called _____.
9. To calculate the electrical force on an object, you must know its _____, which is symbolized by the variable _____ and is measured in _____, which have the symbol _____.
10. 6.24×10^{18} is the _____ in one _____ of charge.
11. The equation for Coulomb's Law is similar to the equation for _____.
12. 9×10^{9} Newton-meters squared per Coulombs squared is the value for _____, which is also known as the _____ Constant.
13. Electrical force has a _____ sign if the force is pushing objects apart, and a _____ sign if the force is acting to pull the objects together.

LIVEWORKSHEETS