

Dontcha Give Me No Static Quiz

1. What is the net charge of an object that is an induced dipole?
2. The charge of a proton would be measured in _____.
- T or F. 3. The gravitational constant (G) is a larger number than k (the electrical constant).
- T or F. 4. Electrical force depends on the mass and the distance between the 2 objects.
- 5-6. Protons would _____ another proton, but it would _____ a neutron.
- T or F. 7. The strength of the charge of a proton is (the same, bigger than, smaller) the charge of an electron.
- T or F. 8. Lightning is an example of electrostatics.
- 9-10. If a charged object causes a neutral object to become a(n) _____, then electrostatic _____ has occurred.
11. The force that causes the reactions of chemistry is the _____.
12. Where are the negatively charged particles found in the atom?
13. If an electron moves 5 times as far from a proton, how does the electrical force between them change?
14. Name one way that gravity is different than electricity.

Word Bank - some of the answers are found below.

F_g	transfer	repel	protons	F_e	coulombs
dipole	neutrons	electrons	μC	induction	attract
electricity					

Name _____ Date _____ Period _____

Dontcha Give Me No Static Quiz

1. The force that causes the reactions of chemistry is the _____.
2. What is the net charge of an object that is an induced dipole?
3. The charge of a proton would be measured in _____.
- T or F. 4. Electrical force depends on the mass and the distance between the 2 objects.
- 5-6. Protons would _____ another proton, but it would _____ a neutron.
7. If an electron moves 5 times as far from a proton, how does the electrical force between them change?
- T or F. 8. The gravitational constant (G) is a larger number than k (the electrical constant).
- 9-10. If a charged object causes a neutral object to become a(n) _____, then electrostatic _____ has occurred.
11. Name one way that gravity is different than electricity.
- T or F. 12. The strength of the charge of a proton is (the same, bigger than, smaller) the charge of an electron.
13. Where are the negatively charged particles found in the atom?
- T or F. 14. Lightning is an example of electrostatics.

Word Bank - some of the answers are found below.

F_g	transfer	repel	protons	F_e	coulombs
dipole	neutrons	electrons	μC	induction	attract
electricity					