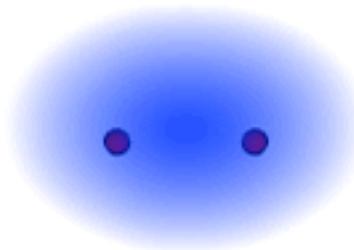


## Electric Fields and Orbitals

Name\_\_\_\_\_

- 1) What is the charge of an electron and the charge of a proton?
- 2) Why does the phrase “opposites attract” apply to charged particles?
- 3) What is a covalent bond?



- 4) The above picture shows a hydrogen molecule (two hydrogen atoms bonded together with a covalent bond). Explain what is holding these two atoms together. (Hint: Think about the locations of positive and negative charge.)