

Name: _____

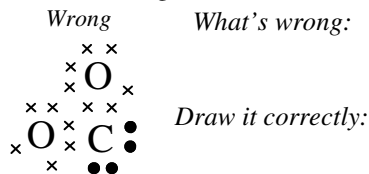
Period: _____

HW3:8 Covalent Compounds
Mr. Murray, IPC
cstephenmurray.com

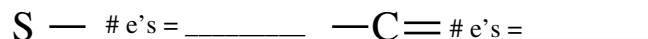
Assigned: Thurs., 10/26 and Fri., 10/27
Due: Tues., 10/31 and Wed., 11/1

1. What are covalent bonds?
2. Why do we use x's for some atoms and not other?
3. What are the two rules you must follow when making covalent compounds?
4. What is a diatomic molecule?

5. What's wrong with this covalent compound (and fix it).



6. How many electrons do each of these have with the bonds?



-
7. Using Dot Diagrams show the covalent compound formed between two Iodine atoms.
 8. Using Dot Diagrams show the covalent compound formed between Sulfur and Fluorine.
 9. You put a powder into a liquid, let it dissolve, put wires with electricity into it and the light doesn't come on. Why?

10. Is it always good to kill bacteria? Why or why not?
11. What happens if we use too many antibiotics?
12. There are two unicellular organisms in a Petri dish. If the nucleus from Organism A is removed and the DNA from Organism B is inserted into A, what characteristics will Organism A have when it reproduces? A or B?