

Quiz #25

Name: _____

Chemistry Block: _____

1.	How many valence electrons does the <i>carbon</i> atom have?	4
2.	How many valence electrons does the <i>bromine</i> atom have?	7
3.	Write out the electron dot diagram for the <i>hydrogen</i> atom. Be sure to mark the electron(s) clearly!	H •
4.	Write out the electron dot diagram for the <i>fluorine</i> atom. Be sure to mark the electron(s) clearly!	See quiz handed back
5.	Using Lewis structures, show the covalent bonding for HCl	See quiz handed back
6.	Using Lewis structures, show the covalent bonding for F₂	See quiz handed back
7.	Using Lewis structures, show the covalent bonding for H₂O	See quiz handed back
8.	Using Lewis structures, show the covalent bonding for CO₂	See quiz handed back
9.	Using Lewis structures, show the covalent bonding for O₂	See quiz handed back
10.	Using Lewis structures, show the covalent bonding for N₂	See quiz handed back
11.	Write out the name of a compound which shows <i>coordinate covalent bonding</i> .	Carbon monoxide
12.	Draw any covalent compound using structural formulas. <i>But, you must choose a covalent compound which has both bonding electron pairs and non-bonding electron pairs.</i>	See quiz handed back