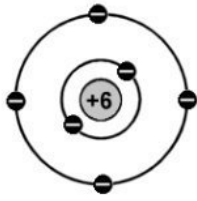

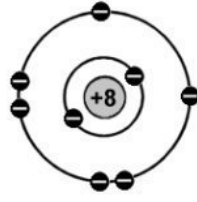
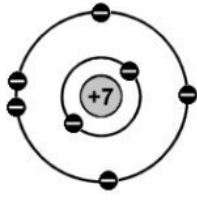
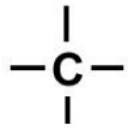
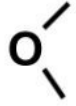
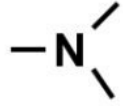
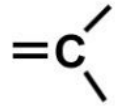


Covalent Bonding Configurations of C, H, O, and N Atoms

<p>Carbon $\begin{matrix} 12 \\ \text{C} \\ 6 \end{matrix}$</p>  <p>4 valence electrons</p>	<p>Hydrogen $\begin{matrix} 1 \\ \text{H} \\ 1 \end{matrix}$</p>  <p>1 valence electron</p>	<p>Oxygen $\begin{matrix} 16 \\ \text{O} \\ 8 \end{matrix}$</p>  <p>6 valence electrons</p>	<p>Nitrogen $\begin{matrix} 14 \\ \text{N} \\ 7 \end{matrix}$</p>  <p>5 valence electrons</p>
 <p>4-Single Covalent Bonds</p>	<p>H—</p> <p>1-Single Covalent Bond</p>	 <p>2-Single Covalent Bonds</p>	 <p>3-Single Covalent Bonds</p>
 <p>2-Single Covalent Bonds 1-Double Covalent Bond</p>		<p>O=</p> <p>1-Double Covalent Bond</p>	<p>=N—</p> <p>1-Single Covalent Bond 1-Double Covalent Bond</p>
<p>=C=</p> <p>2-Double Covalent Bonds</p>			<p>≡N</p> <p>1-Triple Covalent Bond</p>
<p>≡C—</p> <p>1-Single Covalent Bond 1-Triple Covalent Bond</p>			