

## Covalent Bonding Worksheet

Name: \_\_\_\_\_

Draw the Lewis diagram for each of the following molecular compounds.

<p>HBr</p> $H-Br$	<p>C<sub>2</sub>H<sub>4</sub></p> $\begin{array}{c} H & & H \\ & \diagdown & / \\ & C = C & \\ & / & \diagdown \\ H & & H \end{array}$
<p>CH<sub>4</sub></p> $\begin{array}{c} H \\   \\ H - C - H \\   \\ H \end{array}$	<p>N<sub>2</sub></p> $N \equiv N$
<p>HCl</p> $H-Cl$	<p>CO<sub>2</sub></p> $O = C = O$
<p>H<sub>2</sub>O</p> $\begin{array}{c} O \\ / \quad \backslash \\ H \quad \quad H \end{array}$	<p>Cl<sub>2</sub></p> $Cl-Cl$
<p>O<sub>2</sub></p> $O = O$	<p>SO<sub>2</sub></p> $\begin{array}{c} S \\ // \quad \backslash \\ O \quad \quad O \end{array}$