

4) **Carbon** & **Hydrogen**

|                        |                 |                   |                        |                 |                   |
|------------------------|-----------------|-------------------|------------------------|-----------------|-------------------|
| Family                 | 1 2 3 4 5 6 7 8 | Dot Diagram (•)   | Family                 | 1 2 3 4 5 6 7 8 | Dot Diagram (•)   |
| Valence Electrons      | _____           | 1 2<br>7 8<br>C 4 | Valence Electrons      | _____           | 1 2<br>7 8<br>H 1 |
| Number of Bonds        | _____           | 6 5               | Number of Bonds        | _____           | 6 5               |
| Number of atoms needed | _____           |                   | Number of atoms needed | _____           |                   |

Circle Bond Type for the diagram - = ≡

Molecule Line Drawing

Electrons you may need

Dot Diagram Molecule

Drag and drop the Bond Type

Formula

Name of compound: \_\_\_\_\_

5) **Nitrogen** & **Hydrogen**

|                        |                 |                   |                        |                 |                   |
|------------------------|-----------------|-------------------|------------------------|-----------------|-------------------|
| Family                 | 1 2 3 4 5 6 7 8 | Dot Diagram (•)   | Family                 | 1 2 3 4 5 6 7 8 | Dot Diagram (•)   |
| Valence Electrons      | _____           | 1 2<br>7 8<br>N 5 | Valence Electrons      | _____           | 1 2<br>7 8<br>H 1 |
| Number of Bonds        | _____           | 6 5               | Number of Bonds        | _____           | 6 5               |
| Number of atoms needed | _____           |                   | Number of atoms needed | _____           |                   |

Circle Bond Type for the diagram - = ≡

Molecule Line Drawing

Electrons you may need

Dot Diagram Molecule

Drag and drop the Bond Type

Formula

Name of compound: \_\_\_\_\_

6) **Carbon** & **Chlorine**

|                        |                 |                   |                        |                 |                    |
|------------------------|-----------------|-------------------|------------------------|-----------------|--------------------|
| Family                 | 1 2 3 4 5 6 7 8 | Dot Diagram (•)   | Family                 | 1 2 3 4 5 6 7 8 | Dot Diagram (•)    |
| Valence Electrons      | _____           | 1 2<br>7 8<br>C 4 | Valence Electrons      | _____           | 1 2<br>7 8<br>Cl 7 |
| Number of Bonds        | _____           | 6 5               | Number of Bonds        | _____           | 6 5                |
| Number of atoms needed | _____           |                   | Number of atoms needed | _____           |                    |

Circle Bond Type for the diagram - = ≡

Molecule Line Drawing

Electrons you may need

Dot Diagram Molecule

Drag and drop the Bond Type

Formula

Name of compound: \_\_\_\_\_