10) ***Nitrogen*** **&** ***Nitrogen***

Family _____ Dot Diagram (•) Family _____ Dot Diagram (●)

Valence Electrons _____ Valence Electrons _____

Number of Bonds _____ Number of Bonds _____

Number of atoms needed _____ Number of atoms needed _____

Circle Bond Type for the diagram - = ≡

Molecule Line Drawing Electrons you may need Dot Diagram Molecule Electrons you may need

single double triple left right middle

Drag and drop the Bond Type

singles doubles triples top left right bottom

Formula

Name of compound: _____

11. Ethane is a molecule of hydrogen and carbon. However, ethane has two single bonded carbon atoms (black) joined together and the rest hydrogen. Make a model, draw a picture and write the formula for this molecule below.

Drag and Drop

Formula

12. Make a propane molecule using three single bonded carbons atoms joined and the rest hydrogen. Draw a picture and give the formula.

Drag and Drop

Formula

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