

Group Name:

VSEPR

Group Lab Report

LibreTexts page: [7: Molecular Structure](#)

(<https://chem.libretexts.org/link?214684>)

Please don't edit, rearrange or delete anything that is already in this document. Just add your answers inside the boxes.

You can use shortcuts for superscripts and subscripts when needed:

X² Superscript Ctrl+.

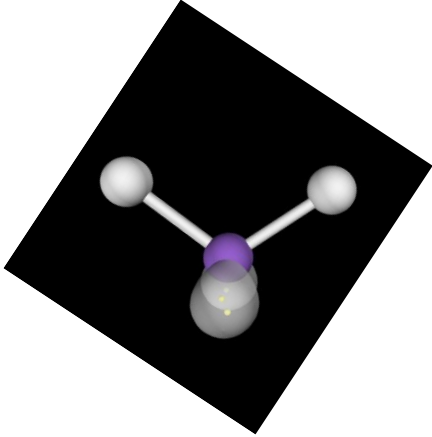
X₂ Subscript Ctrl+,

Use the VSEPR Worksheet to answer the questions.

To indicate the dipole, ROTATE the image to position atoms with partial positive charge on top.

Use the first compound as example.

Compound	Name electronic geometry and identify hybrid orbitals	Name molecular geometry, indicate bond angle and if polar. Paste the image and orient it so partial positive charge is at the top.
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H_2O	Tetrahedral, sp^3	 <p data-bbox="727 646 1079 688">Bent, 104.5 deg, polar</p>
NH_3		
NH_4^+		
SO_2		

NO_3^-		
SeCl_4		
AlCl_3		
XeCl_4		