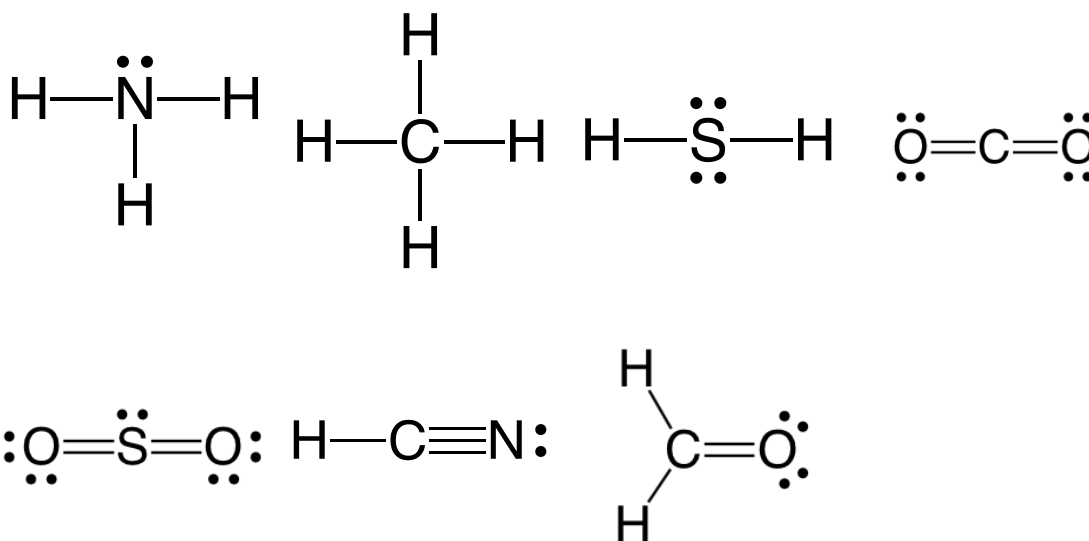




# DATA

table 2



For each structure:

1. Determine Number of Electron Domains
2. **Electronic Shape** (*shape with lone pairs*)
  1. Sketch 3D Shape
  2. Name Electronic Shape
3. **Molecular Shape** (*shape with only atoms and bonds — no lone pairs*)
  1. Sketch 3D Shape
  2. Name Molecular Shape
  3. Draw the Net Dipole (if molecule has one)
4. Mark as Polar or Non-Polar

table 3



1



2



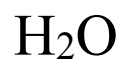
3



4



5



6

For each substance, look at the provided model and then:

1. Look at the **molecular shape** of the model (*shape with only atoms and bonds — no lone pairs*)
  1. Sketch 3D Shape
  2. Name Molecular Shape
2. Determine the Lewis Dot Structure (*show your calculations*)
3. **Electronic Shape** (*shape with lone pairs*)
  1. Sketch 3D Shape
  2. Name Electronic Shape
4. Draw a net dipole on your sketch of the molecular shape.
5. Mark as Polar or Non-Polar