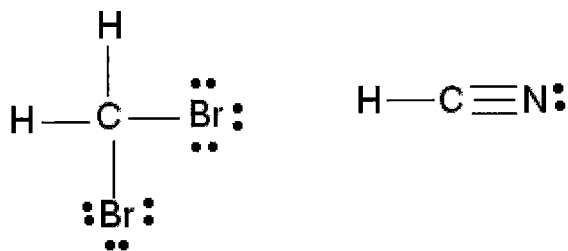
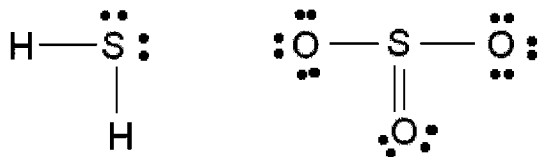
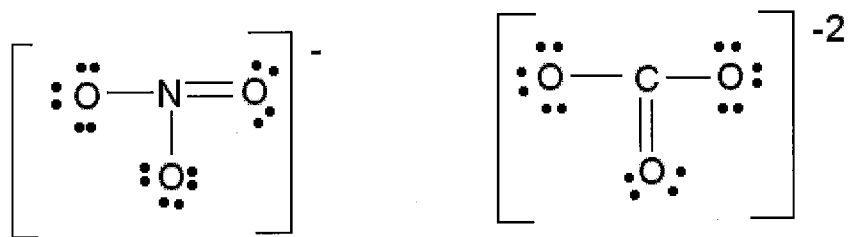
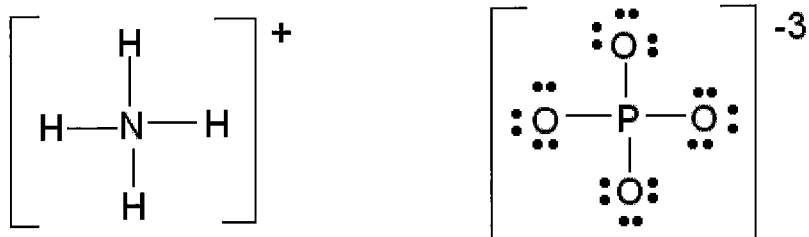


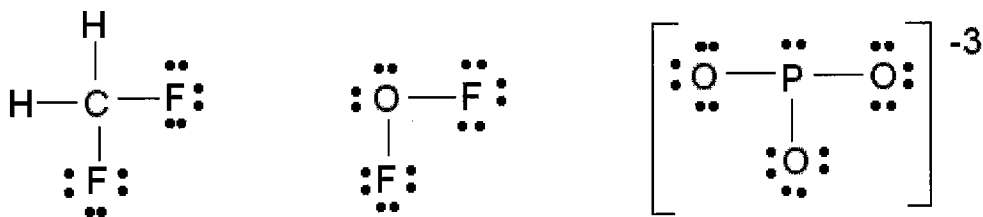
Answers



2.



3.



4.



6. polar covalent i. The C-O bonds in CO₂. nonpolar covalent iv. The C-C bonds in C₃H₈
 nonpolar covalent ii. The bonds in F₂. metallic v. The bonds in Ba.
 ionic iii. The bonds in K₂O. polar covalent vi. The bonds in H₂O.

7. CO₂ is nonpolar because the two polar bonds are equal and opposite so cancel out

H₂O is polar because the bonds are not opposite and don't cancel out

SO₃ is nonpolar because the bonds are all the same and cancel out, the outer atoms all the same

CCl₄ is nonpolar because the bonds are all the same and cancel out, the outer atoms all the same

CHCl₃ is polar because the bonds are not the same and don't cancel out, the outer atoms are different