

- Complete the following table, include resonance structures if appropriate. The central atom is underlined.

Formula	<u>P</u> Cl ₅	<u>S</u> OCl ₂	H <u>C</u> OO ⁻
Lewis structure			
Arrangement of electron pairs around the underlined atom	trigonal bipyramidal	tetrahedral	trigonal planar
Molecular geometry	trigonal bipyramidal	trigonal pyramidal	trigonal planar
Intermolecular forces present	dispersion	dispersion and dipole-dipole	

THE REMAINDER OF THIS PAGE IS FOR ROUGH WORKING ONLY.