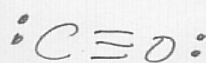
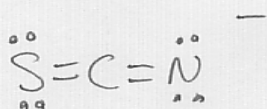
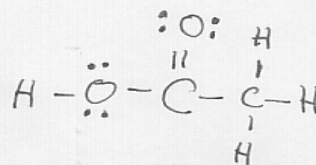
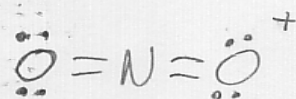


Oxidation Number and Formal Charge Examples



Resonance and Bond Order $\text{:}\ddot{\text{O}}\text{:}-\ddot{\text{O}}\text{:}=\ddot{\text{O}}\text{:} \leftrightarrow \ddot{\text{O}}\text{:}=\ddot{\text{O}}\text{:}-\ddot{\text{O}}\text{:}$

Bond order = _____

Bond Length Examples

Which is longer?

H-N or H-C

H-C or C=C

C-N or C=N

Cl-Cl or F-F