

Honors Chemistry
Worksheet 13.2- Molecular w/Multiple Bonds

NAME:

DATE:

1. Fill out the table below.

Formula	CO ₃ ⁻²	SO ₃	NO ₃ ⁻¹	HCN	CS ₂	O ₃	N ₂	Cl ₂
Total # Valence e ⁻								
Electron Dot Structure								
# Single Bonds on Central Atom								
# Multiple Bonds on Central Atom								
Type of Multiple Bond								
Shape Name								
Bond Angles								

2. When do molecules form multiple bonds?