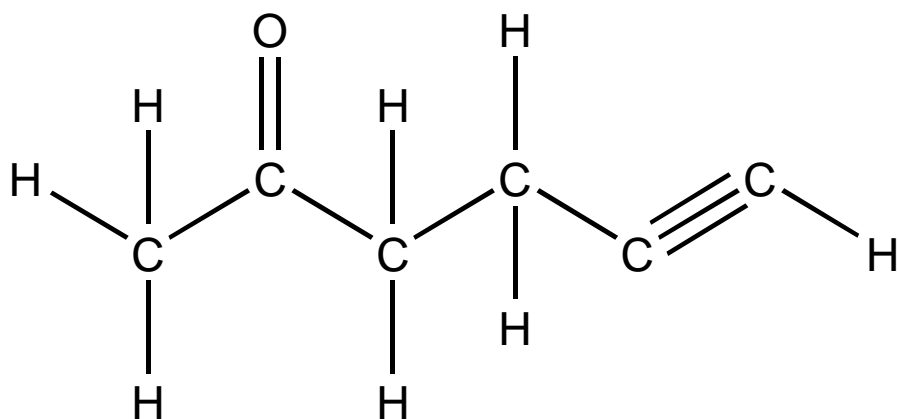


WORKSHEET FOR MOLECULAR GEOMETRY, POLARITY, HYBRIDIZATION

1. Complete the following table. Use N/A where something does not apply.

Compound/Ion	Dot Structure	Molecular Geometry (name only, no drawings)	Polar or Non-Polar Molecule?	Type of Hybridization
NHCl ₂				
MgS				
CH ₃ F				
ICl ₃				
SiO ₃ ²⁻				

2. Consider the following molecule:



- Label each carbon atom with the type of hybridization it shows.
- Label all bonds as sigma (σ) or pi (π).