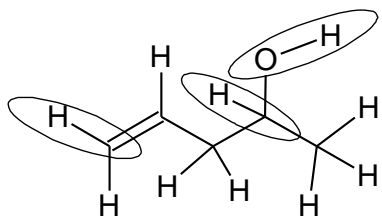


Power Point Study– 01-3 Hybridization**Name:**

Answer these questions as you are watching the videos. These questions should help you focus on the important concepts in the particular topic.

1) Complete the following table

	CO ₂	SO ₃	CCl ₄	NO ₃ ⁻
Lewis structure				
AXE formula				
No. of electron groups				
Electronic geometry				
Bond angle on the central atom				
Hybridization				
Number of σ bonds?				
Number of π bonds?				

2) What is the orbital overlap (s-p or sp²-p etc.) of the circled bond?3) Label all the bonds as σ and π bonds for the atoms indicated (*) in the following molecule.