

Name: _____

Period: _____

Seat#: _____

Fill out the missing information in the chart below:

Q#	Name	Formula	Type of IMF
1	Aluminum sulfate		
2	Ammonium phosphate		
3		CO ₂	
4		CaCO ₃	
5	Nitrogen trihydride		
6		S ₂ F ₂	
7		P ₂ O ₅	
8	Magnesium nitrate		
9		Pb ₃ P ₂	

Q#	Formula	Lewis Structure	Polar or non-polar?	Q#	Formula	Lewis Structure	Polar or non-polar?
10	CH ₂ F ₂			13	CH ₂ O		
11	CO ₂			14	SeH ₂		
12	NCl ₃			15	NO ₃ ⁻		

Order each group below from strongest to weakest IMF and give the type of IMF:

16	N ₂ , HF, Na, CH ₂ O						
	Formula	Strongest					Weakest
	IMF						
17	H ₂ S, NH ₃ , CH ₄ , (NH ₄) ₂ SO ₄						
	Formula	Strongest					Weakest
	IMF						