

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 ₃ 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						
	<i>Formula</i>	<i>Strongest</i>					<i>Weakest</i>
	<i>IMF</i>						
17	H ₂ S, NH ₃ , CH ₄ , (NH ₄) ₂ SO ₄						
	<i>Formula</i>	<i>Strongest</i>					<i>Weakest</i>
	<i>IMF</i>						