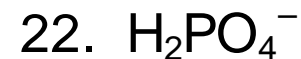
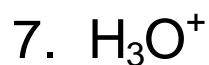
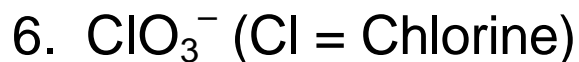


Practice These Lewis Structure On Your Own

Draw Lewis structures for the following. Include any resonance structures. If more than one Lewis structure can be drawn, use formal charges to decide on the most preferred Lewis structure. Answers to these will be posted on the web late Friday afternoon.

Also included is a blank for Molecular Geometry. We will cover this in Chapter 10, so wait until then to fill in this blank.



Lewis Structure - Answers

Formula	Lewis Structure	Molecular Geometry	Formula	Lewis Structure	Molecular Geometry
1. CH ₄			5. H ₂ O		
2. BF ₃			6. ClO ₃ ⁻ Cl = Chlorine		
3. HCN			7. H ₃ O ⁺		
4. NH ₃			8. NH ₂ ⁻		

Lewis Structure - Answers

Formula	Lewis Structure	Molecular Geometry	Formula	Lewis Structure	Molecular Geometry
9. NH_4^+			13. NOF		
10. C_2H_4			14. ClF_2^+ Cl = Chlorine		
11. C_2H_2			15. FNO_2		
12. N_3^-			16. XeF_5^+		

Lewis Structure - Answers

Formula	Lewis Structure	Molecular Geometry	Formula	Lewis Structure	Molecular Geometry
17. BrF_5			21. $\text{C}_2\text{O}_4^{2-}$		
18. IF_4^-					
19. SF_6			22. H_2PO_4^-		
20. N_2O_4					

Lewis Structure - Answers

Formula	Lewis Structure	Molecular Geometry	Formula	Lewis Structure	Molecular Geometry
23. XeO ₄			25. NO		
24. PO ₃ ⁻					