- 13. (4 pts) What is an ionic compound?
 - a. A compound that will dissolve in water
 - b. Two nonmetal atoms bonded together
 - c. Two metal atoms bonded together
 - d. A metal and a nonmetal atom bonded together
 - e. None of the above
- 14. (4 pts) What type of compound uses the naming system consisting of prefixes like mono-, di-, and tri-?
 - a. Ionic
 - b. Covalent
 - c. Both a and b
 - d. Neither a nor b
- 15. (4 pts) What type of compound uses a naming system that has -ide as the ending on the nonmetals?
 - a. Ionic
 - b. Covalent
 - c. Both a and b
 - d. Neither a nor b
- 16. (4 pts) How many total atoms are in this molecule: C₆H₁₂OH?
 - a. 3
 - b. 4
 - c. 19
 - d. 20
 - e. None of the above
- 17. (4 pts) You are told that a molecule contains a total of 17 atoms. If the formula is C₁H₁₀Cl₂, what must x be?
 - a. 1
 - b. 2
 - c. 3
 - d. 4
 - e. None of the above
- (4 pts) Which of the following compounds would conduct electricity when dissolved in water? C₃H₆ClF C₆H₅CH₅ CS₂ BaSO₄
 - a. C₃H₆CIF
 - b. C₆H₃CH₃
 - e. CSa
 - d. BaSO₄
 - e. CS2 and BaSO4

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