

13. (4 pts) What is an ionic compound?
- A compound that will dissolve in water
 - Two nonmetal atoms bonded together
 - Two metal atoms bonded together
 - A metal and a nonmetal atom bonded together
 - None of the above
14. (4 pts) What type of compound uses the naming system consisting of prefixes like *mono-*, *di-*, and *tri-*?
- Ionic
 - Covalent
 - Both a and b
 - Neither a nor b
15. (4 pts) What type of compound uses a naming system that has *-ide* as the ending on the nonmetals?
- Ionic
 - Covalent
 - Both a and b
 - Neither a nor b
16. (4 pts) How many total atoms are in this molecule: $C_6H_{12}OH$?
- 3
 - 4
 - 19
 - 20
 - None of the above
17. (4 pts) You are told that a molecule contains a total of 17 atoms. If the formula is $C_5H_{10}Cl_x$, what must x be?
- 1
 - 2
 - 3
 - 4
 - None of the above
18. (4 pts) Which of the following compounds would conduct electricity when dissolved in water? C_3H_6ClF $C_6H_5CH_3$ CS_2 $BaSO_4$
- C_3H_6ClF
 - $C_6H_5CH_3$
 - CS_2
 - $BaSO_4$
 - CS_2 and $BaSO_4$

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SA Adler



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