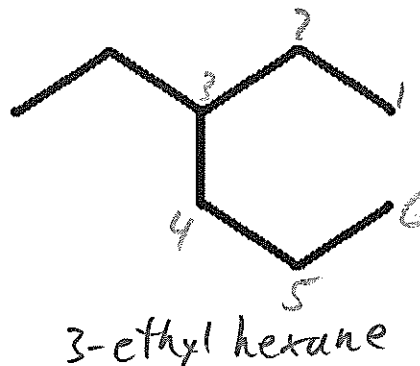


Nomenclature Practice 1.0

Name: *key*  
 Period:

Write the names of the following chemical compounds: 12)

- 1)  $\text{BBr}_3$  *Boron tri bromide*
- 2)  $\text{CaSO}_4$  *calcium sulfate*
- 3)  $\text{SF}_6$  *sulfur hexa fluoride*
- 4)  $\text{Cr}(\text{CO}_3)_3$  *chromium (VI) carbonate*
- 5)  $\text{Ag}_3\text{P}$  *silver phosphide*

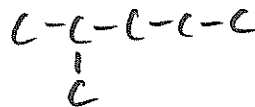


Draw the structures for the following organic molecules:

For each of the following questions, determine whether the compound is ionic or covalent and write the appropriate formula for it.

- 6) dinitrogen trioxide  $\text{N}_2\text{O}_3$  *covalent*
- 7) nitrogen  $\text{N}_2$  *covalent*
- 8) methane  $\text{CH}_4$  *covalent*
- 9) lithium acetate  $\text{LiC}_2\text{H}_3\text{O}_2$  *ionic*

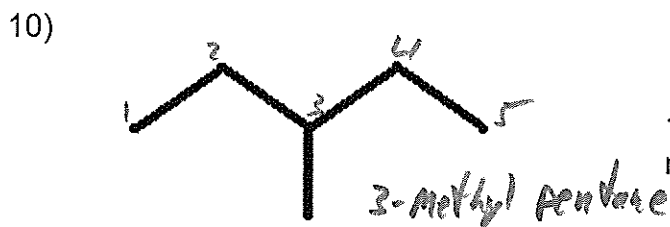
13.a) 2-methyl pentane



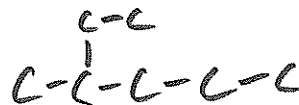
13.b) Is there anything wrong with the name given in 13.a?

*No*

Write the name of each of the following organic compounds:



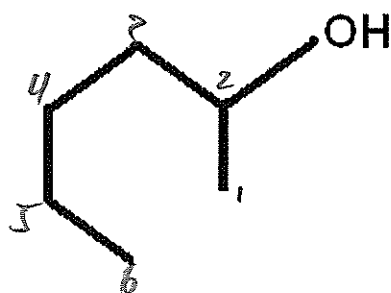
14.a) 2-ethyl-2-pentene



14.b) Is there anything wrong with the name given in 14.a?

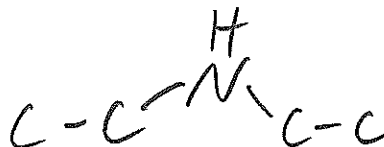
*longest chain is actually hexane  
 name should be 3-methyl hexane*

11)



*2-hexanol*

15.a) diethylamine



15.b) Is there anything wrong with the name given in 15.a?

*No*