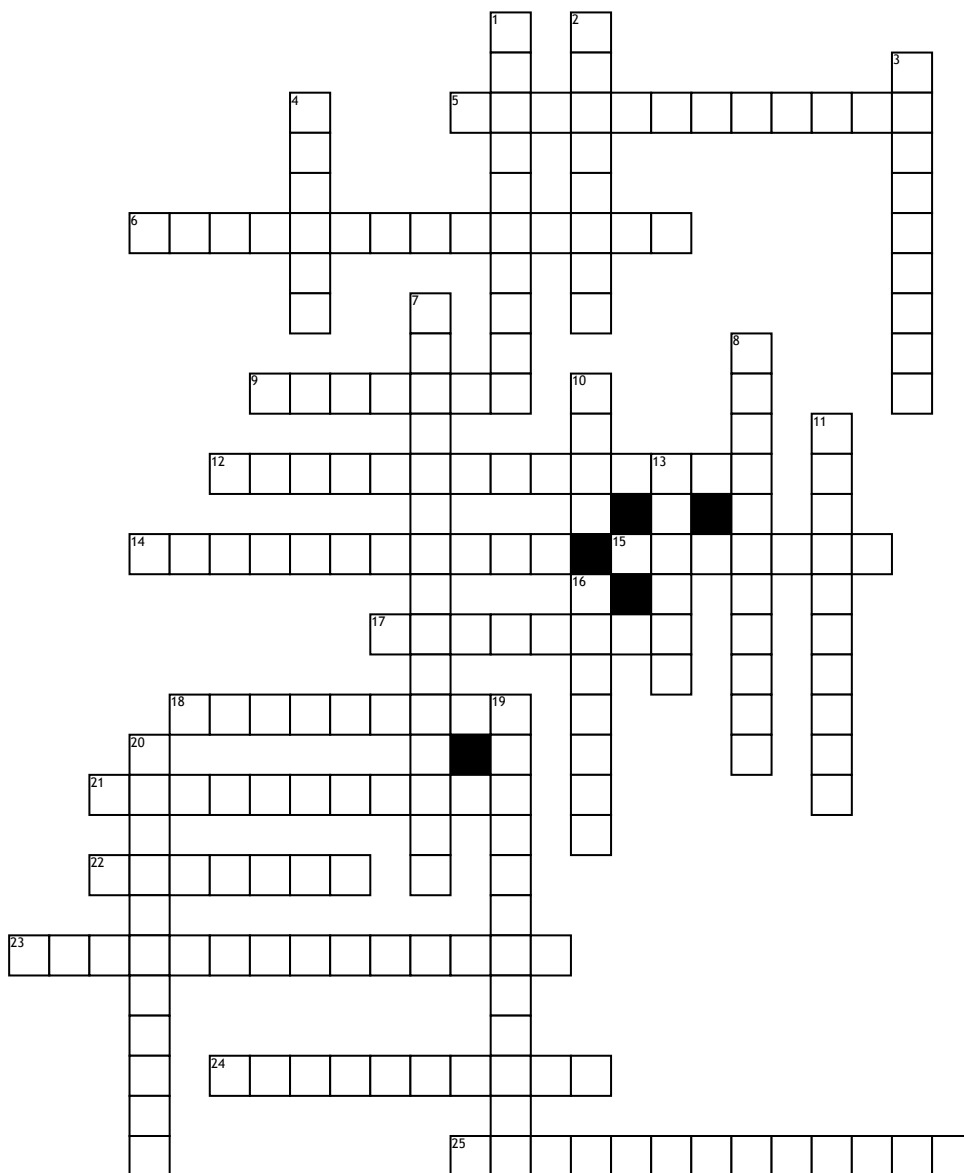


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# O CHEM CROSSWORD



## Across

5. Propene plus Hydrogen Iodide produce  
 6. Alcohols react with carboxylic acids and the reaction is called...  
 9. Molecules with the same molecular formula but different arrangements of atoms  
 12. An alkane with a halogen attached to it  
 14. "hydrogen attached to the carbon already has the highest number of hydrogens" This rule is known as the \_\_\_\_\_ rule  
 15. Secondary Alcohols are oxidized to make  
 17. Alkane with 12 carbons  
 18. Polymer of ethene  
 21. Lover of positive charge

22. Polymerizations happens with these compounds

23. Electrons in benzene ring are spread across all six carbons and this is known as

24. Alkanes undergo this type of reaction

25. CH<sub>3</sub>COOH

## Down

1. Compounds which do not contain a benzene ring  
 2. Alkenes undergo this type of reactions  
 3. reactions can be described as a sequence of steps known as  
 4. Carbon with four different groups attached to it.  
 7. Different spatial arrangements of atoms in molecules

8. When a bond breaks with both the shared electrons going to one of the products

10. The mass of substance containing the same number of fundamental units as there are atoms in exactly 12.000 g of <sup>12</sup>C.

11. Carbons ability to link itself to form chains and rings is known as...

13. Compounds derived from benzene are known as

16. Atom with unpaired electron

19. Lover of negative charge

20. Electron rich species that is attracted to parts of molecules that are electron deficient