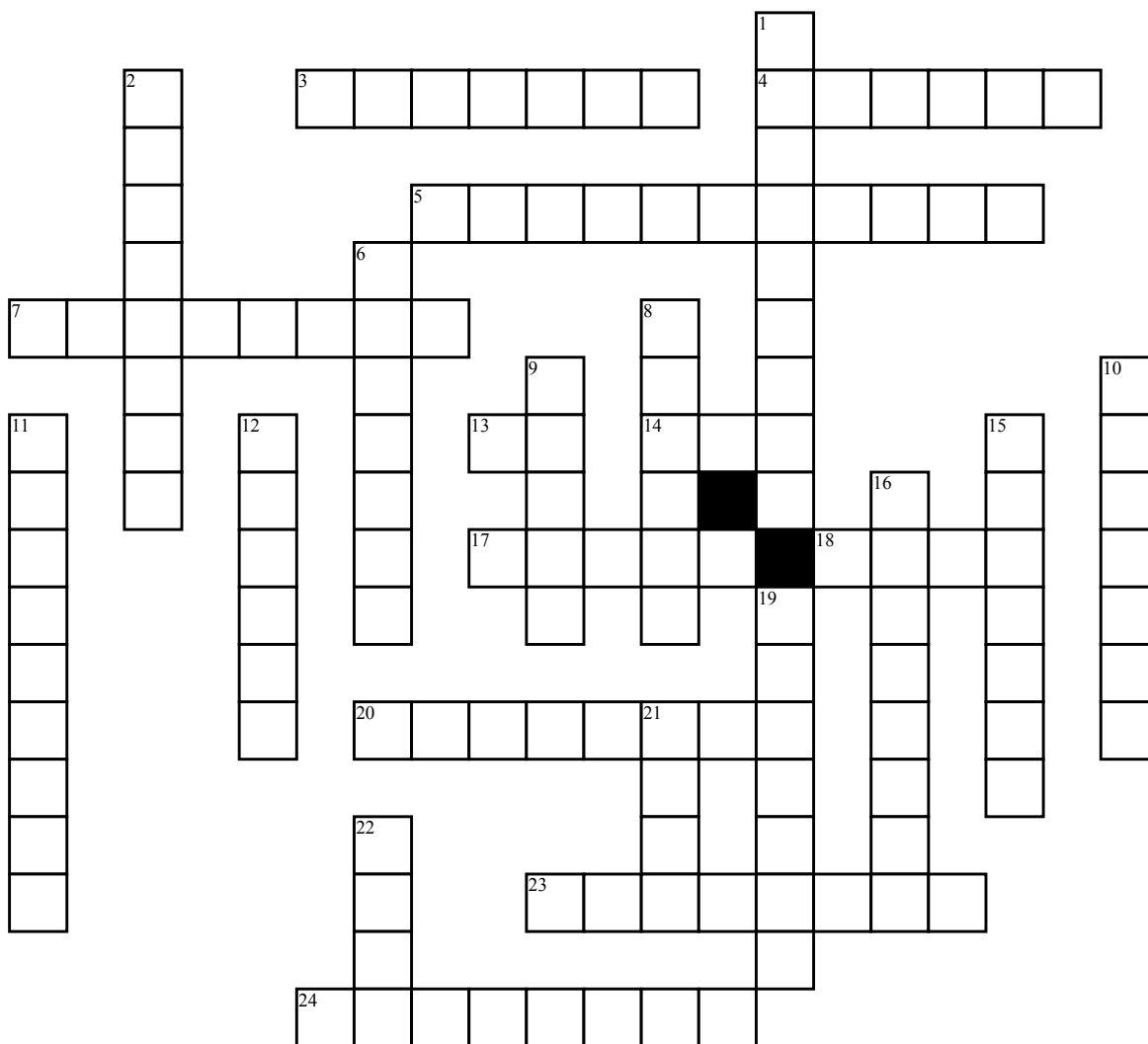


Name: _____

Date: _____

Functional groups



Across

3. An alcohol group with one alkyl group attached to it
 4. The electronegative element in a carboxylic acid
 5. The arrangement of sp^3 hybridised molecules
 7. Arrangement of carbon atoms in benzene
 13. Bonding present in doubly bonded carbon atoms
 14. A naturally occurring amide
 17. Functional group characterized by having a bad smell

18. An ester that is made from the saponification process
 20. Benzene is an _____ compound
 23. The main constituent in ammonia
 24. A compound that is oxidized to form a primary alcohol contains an

Down

1. Combination of two atomic orbitals is a _____ orbital
 2. Short chains of amino acids
 6. Chlorine, bromine and iodine
 8. A carbonyl group bounded to two alkyl groups

9. Bonding usually between a single carbon and hydrogen bond
 10. the other name of a cyclic ester
 11. A Thiol can also be called a
 12. Arrangement in sp hybridized molecules
 15. A common type of medicine that contains an ester
 16. An analgesic containing an amine group
 19. Functional group with a pK_a of approx. 15
 21. The short name for a compound bounded to three alkyl groups
 22. A compound that contains two alcohol groups