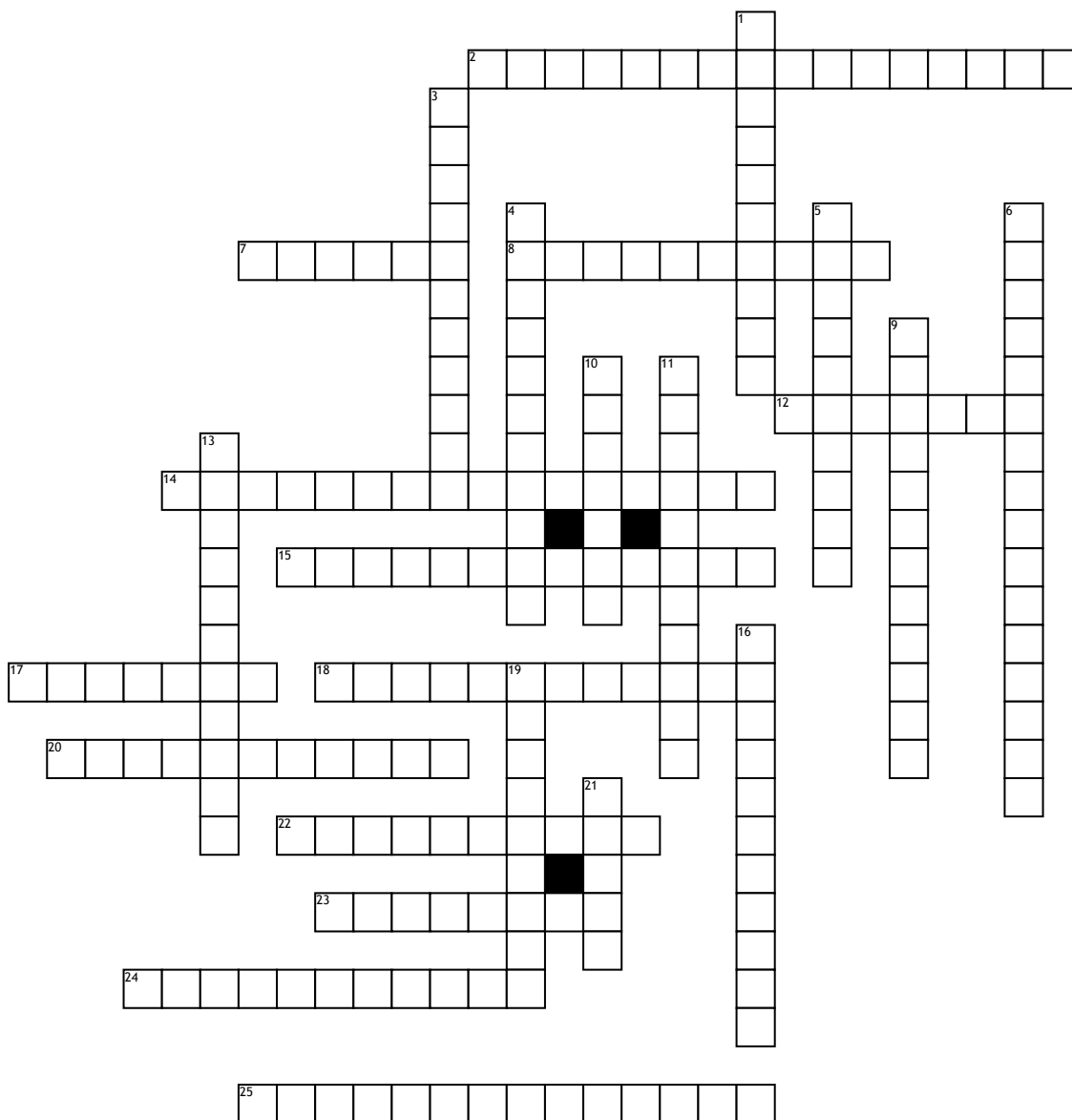


Name: _____

Date: _____

Organic Chemistry Crossword by Shaun Omoroghomwan, Lavin Ali, Mehrab Abdullah, Faizaan Mehmood, Haider Jillani

**Across**

2. Preferred isomer form over another
 7. Liquid in which a solute is dissolved
 8. This agent adds an alkyl group to the guanine base of DNA
 12. This mixture/product involves equal quantities of 2 enantiomers
 14. Where one isomer is made exclusively instead of possible others. This is a measure of that.
 15. Removal of protons
 17. A type elimination reaction where the least stable alkene is formed
 18. A reaction where one functional group is replaced by another
 20. A reaction where two groups/substituents are removed from the substrate
 22. Reactions involving release of heat

23. A reaction where two or more molecules combine to form one without losing atoms
 24. An intermediate molecule with a positively charged carbon atom
 25. The sharing of electrons over two or more atoms of a molecule

Down

1. Addition of an alkyl radical to a compound
 3. A molecule able to donate electrons
 4. The founder of the rule of "addition of H-X to an alkene forming a more substituted halide"
 5. The radical forming step in Radical Reactions
 6. The delocalisation of electrons to stabilise a molecule/system

9. A molecule able to receive electrons
 10. Highly reactive and uncharged molecule with an unpaired electron
 11. A state of forward and reverse reactions occurring at equal rates
 13. This step is within radical reactions where 2 radicals join
 16. Reactions involving absorption of heat
 19. spatial rearrangement of atoms or groups of atoms in a dissymmetric molecule
 21. 2 alkenes