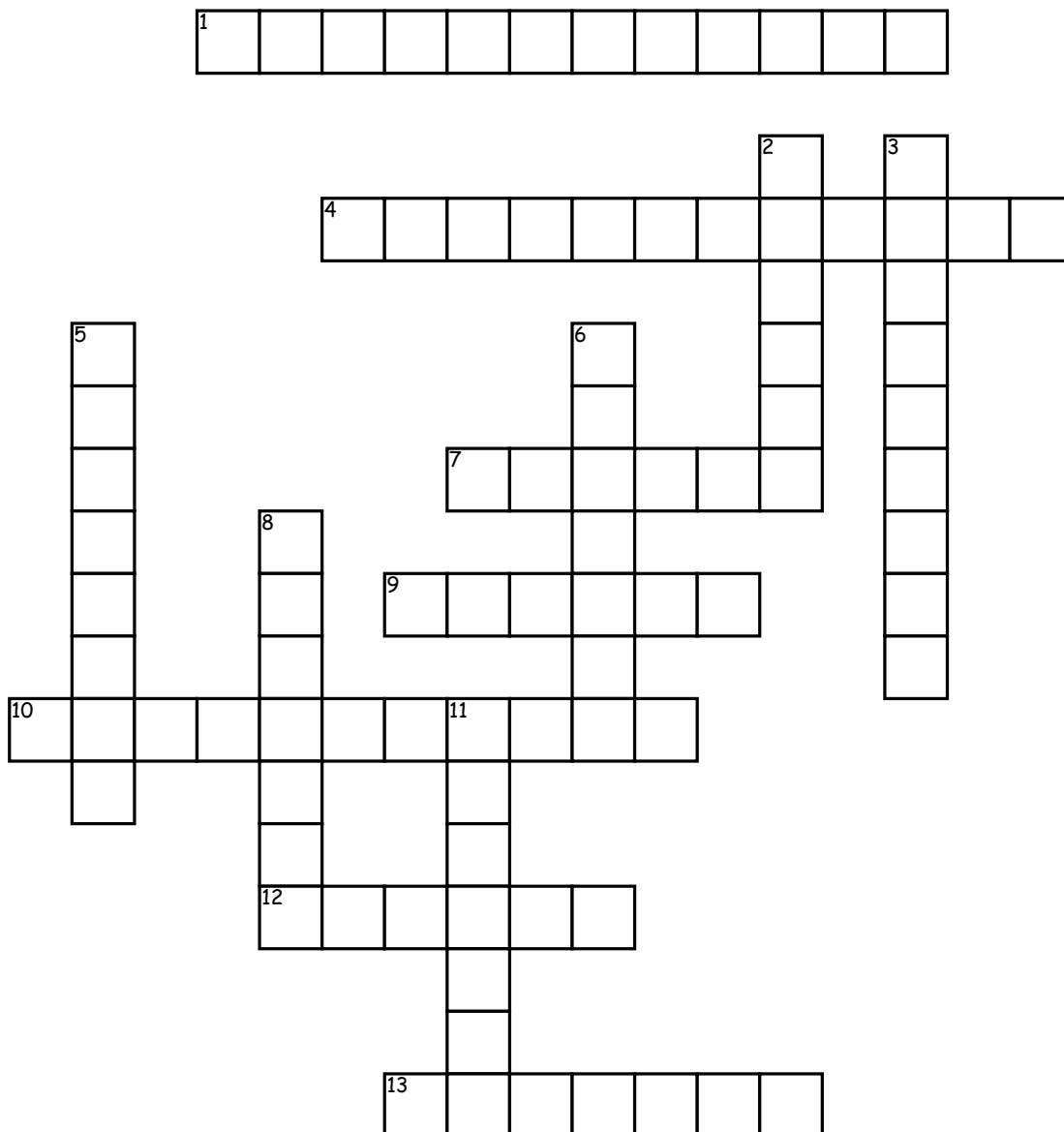


Name: \_\_\_\_\_

# Hydrocarbons



## Across

1. Family where carbons are arranged in a ring?

4. What is the first member of the cycloalkanes family?

7. Name  $C_4H_8$

9. If you crack  $C_{10}H_{22}$  you can form  $C_6H_{12}$  what is the name of the other hydrocarbon formed?

10. Alkenes are what type of hydrocarbons

12. name the smallest alkene

13. what is the term used to describe 2 molecules with the same molecular formula but a different structural formula?

## Down

2. What is the special bond found only in alkenes called? \_\_\_\_\_ bond

3. Molecules with only carbon to carbon single bonds

5. The process of breaking down large hydrocarbons is called ?

6. name the smallest alkane

8. Hydrocarbon with formula  $C_7H_{16}$ ?

11. Bromine water colour quickly in the presence of ...