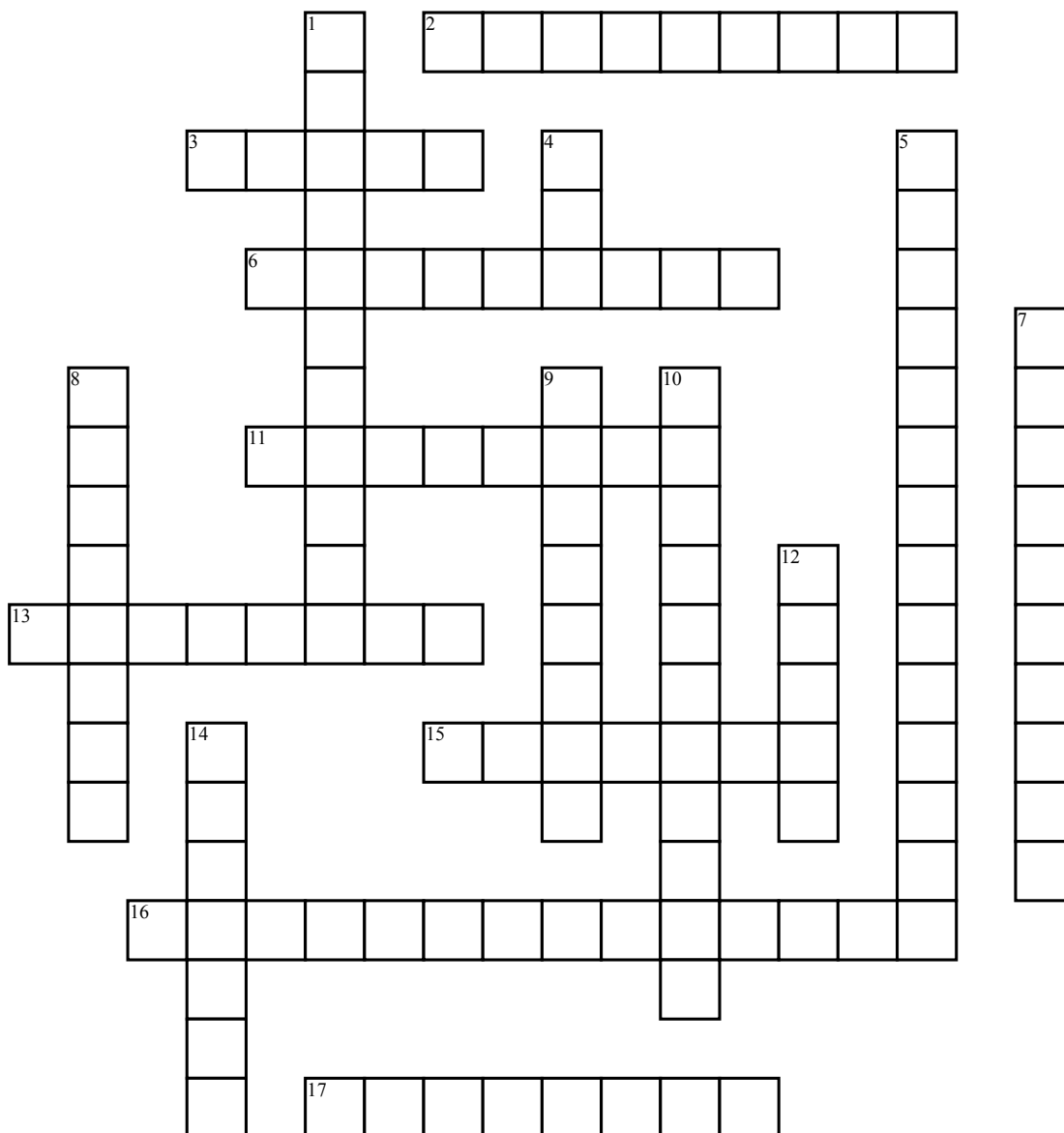


Name: \_\_\_\_\_

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

# chemistry



## Across

2. what's it called if it contains only single c-c bonds  
 3. what is the shortened term of reduction and oxidation  
 6. what element has a relative atomic mass of 39  
 11. what group gets more reactive as you go down  
 13. what is the least reactive element  
 15. the molecular formula for this alkane is  $C_5H_{12}$

16. what's a toxic gas that's produced in the incomplete combustion of octane

17. what's the most reactive chemical in group 1

## Down

1. compound containing hydrogen and carbon only  
 4. what state is hydrogen chloride at room temperature?  
 5. what is the catalyst for the decomposition of oxygen  
 7. what's the term called that releases energy

8. speeds up a chemical reaction but is unchanged at the end

9. is hydrogen chloride a compound or an element?

10. what is the process of converting ethanol to ethene

12. what piece of apparatus is needed to make measurements in a paper chromatography experiment?

14. the general formula for them is  $C_nH_{2n+2}$