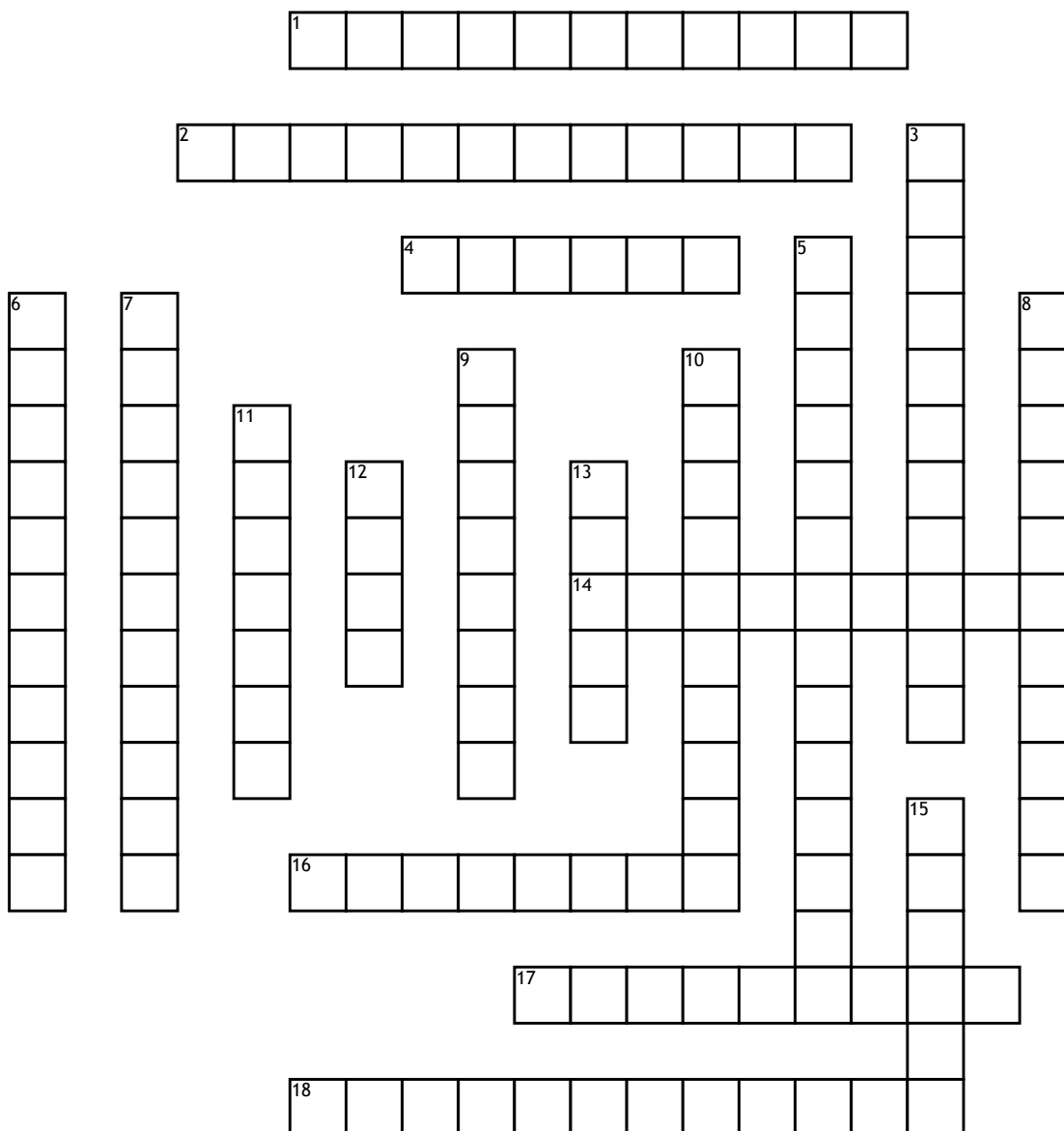


Name: \_\_\_\_\_

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

# A level chemistry crossword



## Across

1. Breaking a covalent bond
2. A set of compounds that have the same structural formula but a different arrangement in space
4. Which alkane has the formula C<sub>6</sub>H<sub>14</sub>
14. The type of fission in which the bond breaks evenly and each bonding atom receives an electron
16. What kind of combustion creates CO<sub>2</sub> and H<sub>2</sub>O

17. A compound that has only single bonds

18. Particles that accept electrons

## Down

3. The type of fission in which the bond breaks unevenly - one of the atoms receives both electrons
5. An algebraic formula that describes any member of a family of compounds
6. A compound that contains double bonds
7. Electron pair donor

8. A compound made of only hydrogen and carbon

9. Extremely reactive particles that have an unpaired electron

10. What type of combustion creates CO and H<sub>2</sub>O

11. General formula for an alkane

12. Bond angle of each carbon in a tetrahedral shape

13. The general formula for an alkene

15. Which alkene has the formula C<sub>4</sub>H<sub>8</sub>