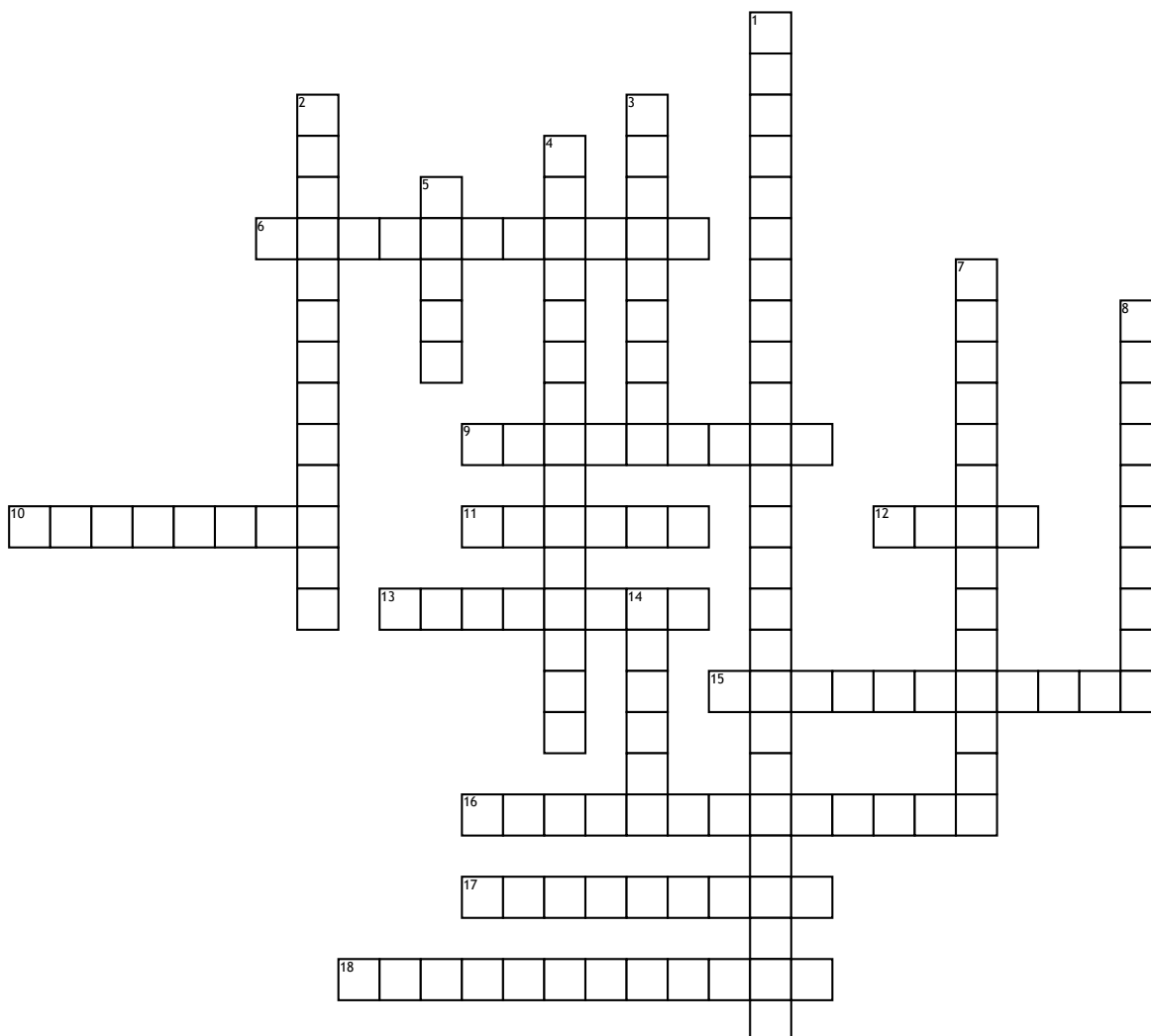


# Thermochemistry



## Across

6. The average kinetic energy of a substance.  
 9. Energy that is changing forms.  
 10. Energy that is moved from one object/particle to another.  
 11. The ability to do work.  
 12. The total kinetic energy of a substance.  
 13. System + Surroundings  
 15. A process or reactions where the system absorbs energy.  
 16. Heat energy.

17. When chemical energy increases, kinetic energy \_\_\_\_\_.

18. Everything around the reactants and products in a chemical reaction.

## Down

1. Energy cannot be created nor destroyed.  
 2. The energy of moving particles.  
 3. When chemical energy decreases, kinetic energy \_\_\_\_\_.  
 4. Stored energy.

5. Greek symbol for change in.

7. Energy stored in a chemical bond.

8. A process or reactions where the system releases energy.

14. The reactants and products in a chemical reaction.