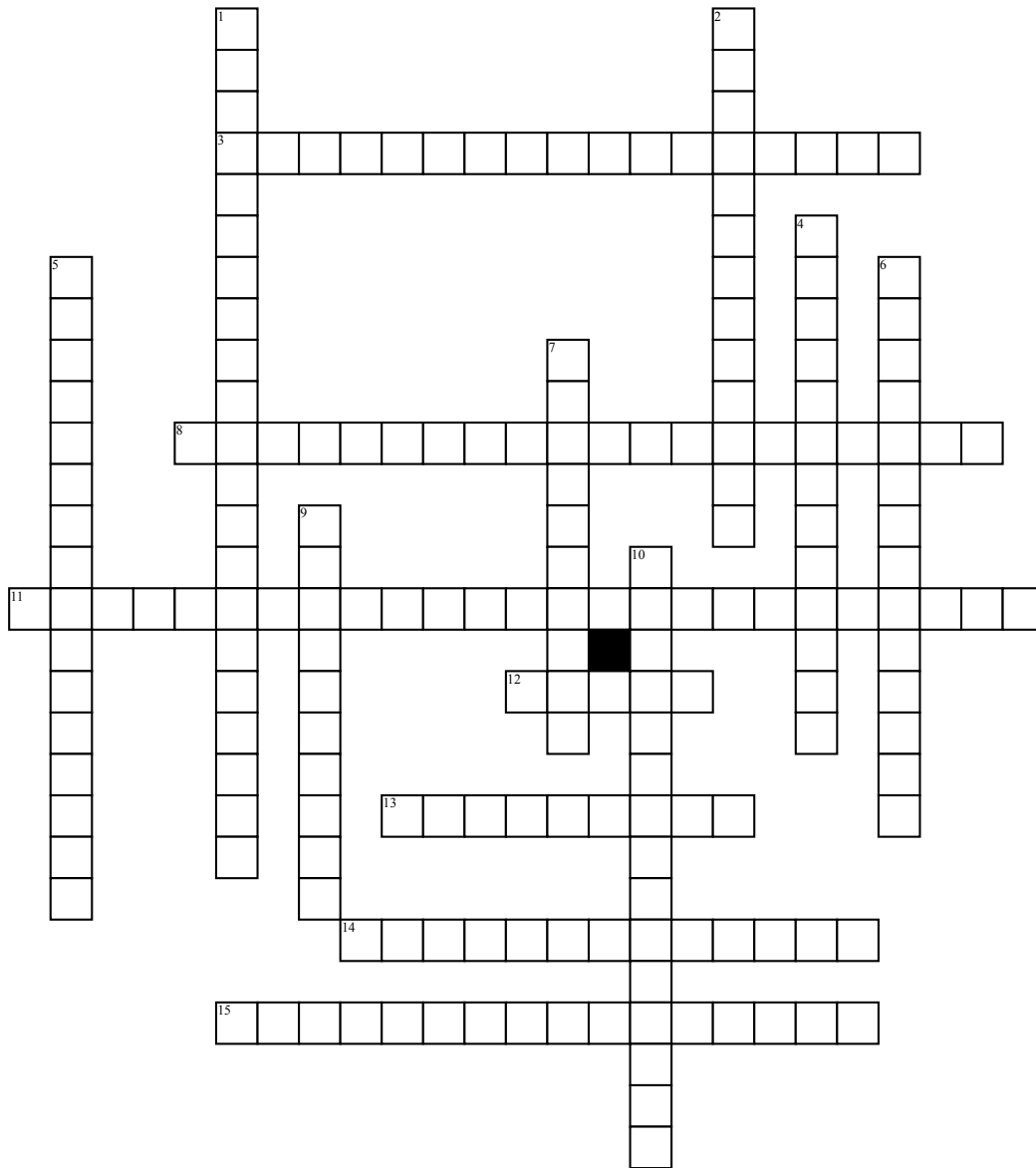


Name: \_\_\_\_\_

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

Period: \_\_\_\_\_

# Energy Transfer and Transformation



## Across

- 3. the flow of air in convection
- 8. a change from one form of energy to another
- 11. as energy is transformed, it is neither lost nor created
- 12. the rate that work is done
- 13. transfer of heat by electromagnetic waves

- 14. the energy an object has because of its motion
- 15. the form of energy associated with an object's motion, position, or shape

## Down

- 1. energy that travels through space in waves
- 2. total kinetic and potential energy in an object

- 4. potential energy stored in an atom's nucleus
- 5. the energy of electric charges
- 6. potential energy stored in chemical bonds
- 7. the transfer of heat by touch from one object to another
- 9. heat transfer the only occurs in fluids
- 10. stored energy