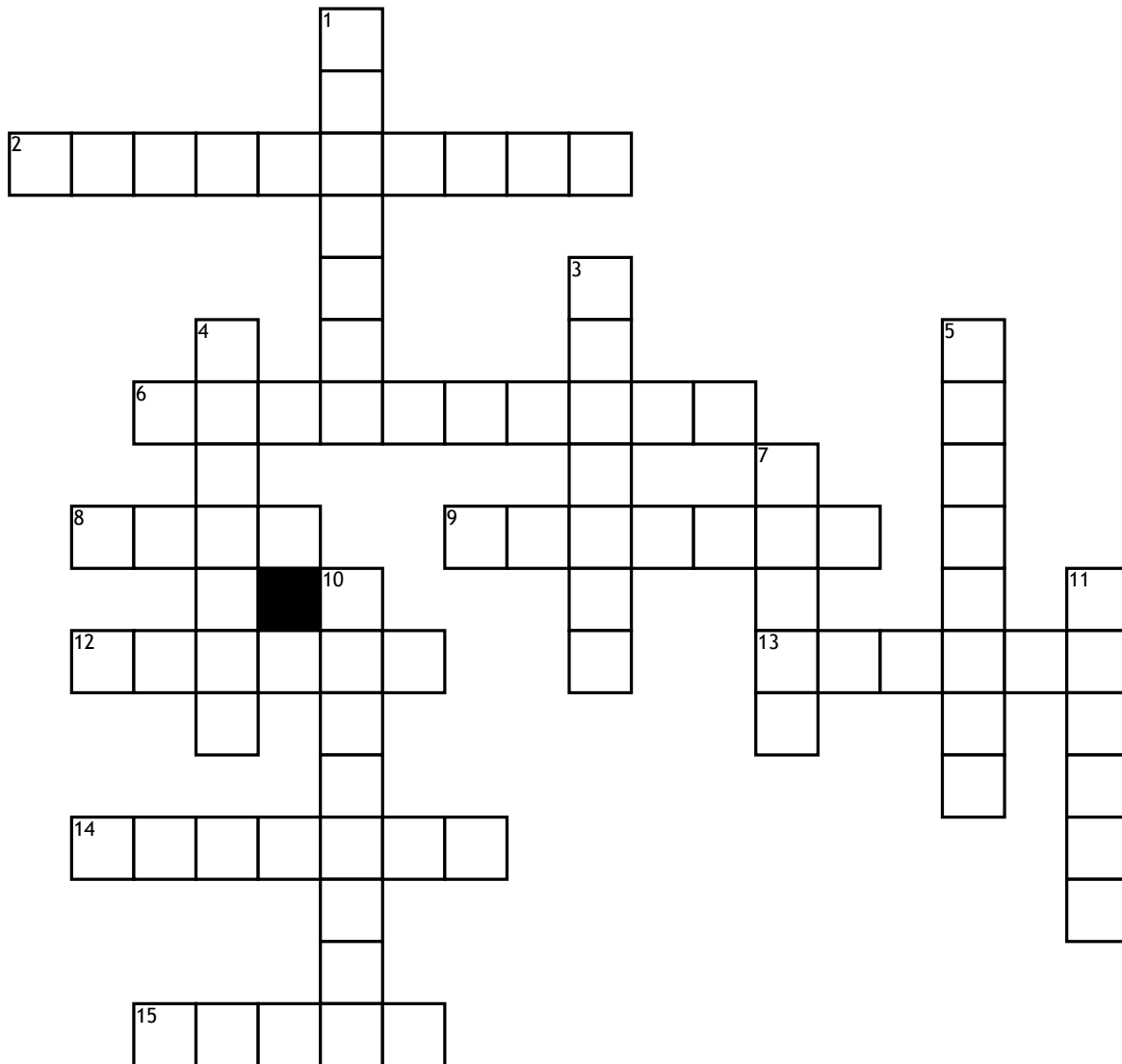


Name: \_\_\_\_\_

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

# Ch. 15 Energy



## Across

2. internal energy that is the sum of kinetic and potential energy

6. flow of electrons from opposite charge ends

8. Einstein's equation shows that energy can be converted into this

9. energy of the motion of particles

12. gravitational potential energy is calculated using weight x \_\_\_\_

13. ability to do work

14. weight and mass differ as a result of this

15. unit of energy

## Down

1. energy of motion

3. energy released when atoms undergo fission and fusion

4. potential energy stored in a stretched rubber band

5. the energy of the \_\_\_\_ is constant

7. electromagnetic energy travels as \_\_\_\_

10. type of energy stored in bonds

11. part of the universe that you are focused on