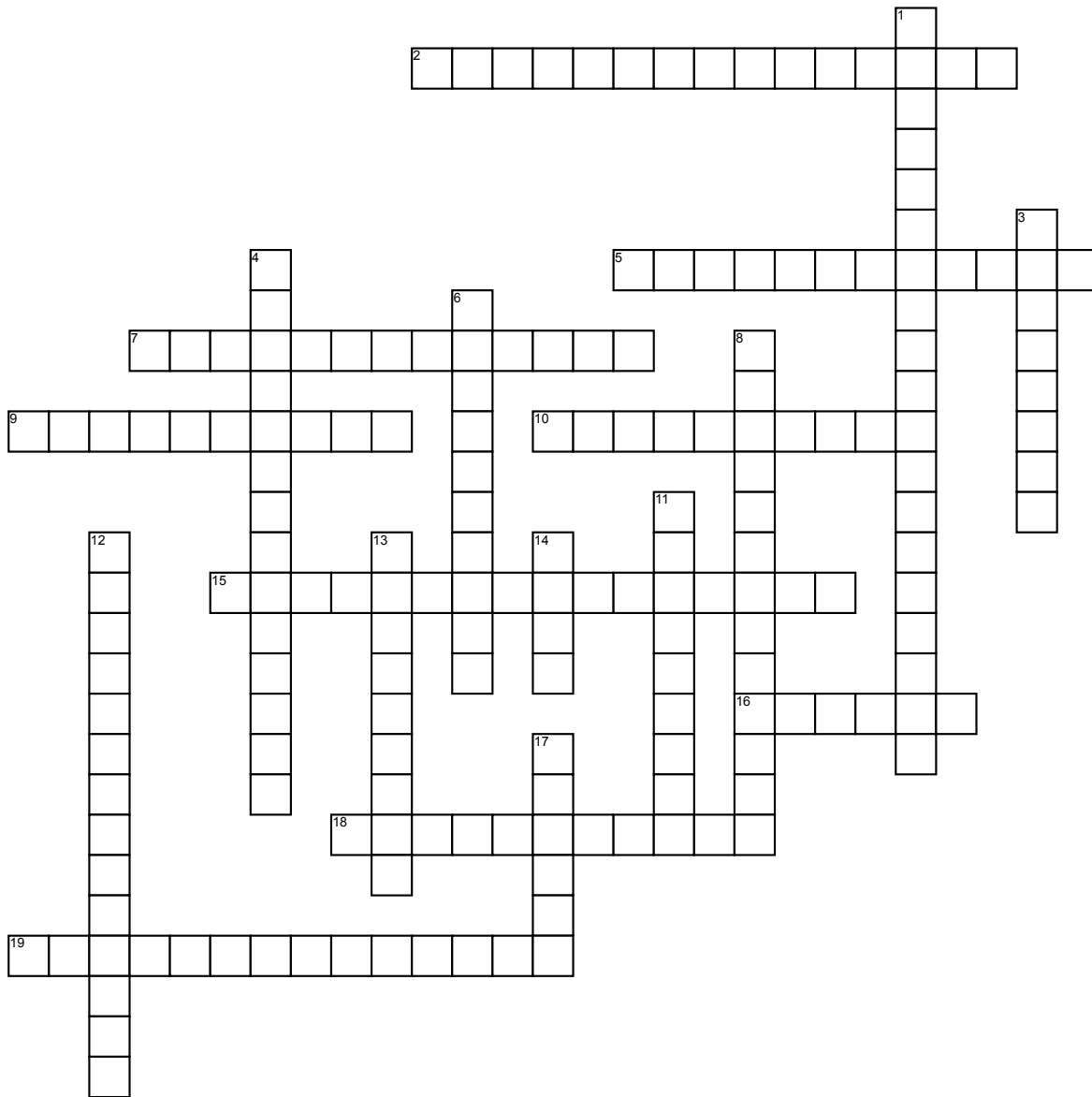


energy



Across

- 2. What is stored energy due to the interaction between objects or particles?
- 5. the law of _____ of energy states that energy cannot be lost nor created
- 7. What is energy due to motion
- 9. when heat is transferred from movement of fluids
- 10. heat transferred from one object to another through direct contact
- 15. What is the sum of the potential energy and the kinetic energy in a system?

- 16. What is the ability to cause change?
- 18. What is the energy carried by sound waves?
- 19. What is the energy stored in and released from the bonds between atoms?

Down

- 1. What type of potential energy depends on the object's mass and height above the Earth?
- 3. when matter cools, it usually does this: _____ or decreases in volume
- 4. What is the energy in an electric current?

- 6. a material that traps or blocks heat
- 8. What is the energy stored in and released from the nucleus of an atom?
- 11. a material that conducts heat very well
- 12. What is the energy stored in and released from the bonds between atoms?
- 13. Heat that can transfer through a vacuum
- 14. What is a disturbance that transfers energy from one place to another without transferring matter?
- 17. What is the ability to cause change?