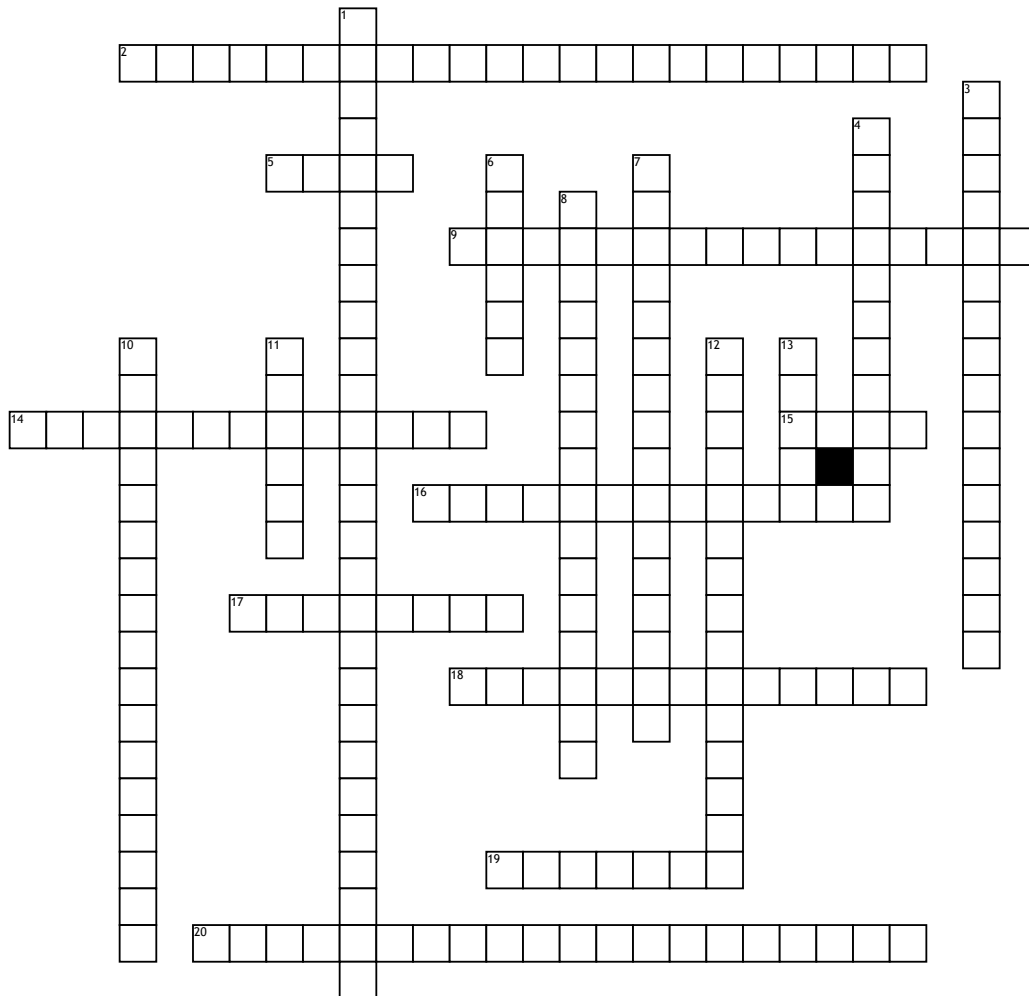


Name: _____ Date: _____ Period: _____

Energy



Across

2. dependent on mass and height
 5. the measure of the amount of matter in an object
 9. stored in the nucleus of an atom
 14. the energy of an object that is due to the object's motion
 15. the transfer of energy to an object by using a force that causes the object to live in the direction of the force
 16. electromagnetic waves
 17. the location of an object

18. vibration and movement of molecules, also known as heat
 19. a force of attraction between objects that is due to their masses
 20. the process of energy changing from one form into another

Down

1. the law that states that energy cannot be be created or destroyed but can be changed from one to another
 3. the sum of an objects kinetic energy and potential energy due to gravity of elastic deformation

4. vibrational movement through substances in waves
 6. the unit used to measure energy
 7. stored due to being stretched or compressed
 8. the movement of electrons
 10. stored in bonds between atoms
 11. the ability to cause change
 12. the energy that an object has because of it's position, condition, or chemical composition
 13. the rate at which work is done or energy is transformed

Word Bank

energy
 chemical potential
 energy transformation
 joules
 gravitational potential
 work
 mass

mechanical energy
 potential energy
 power
 elastic potential
 sound energy
 thermal energy
 kinetic energy

position
 electrical energy
 gravity
 radiant energy
 nuclear potential
 Law is of conservation of energy