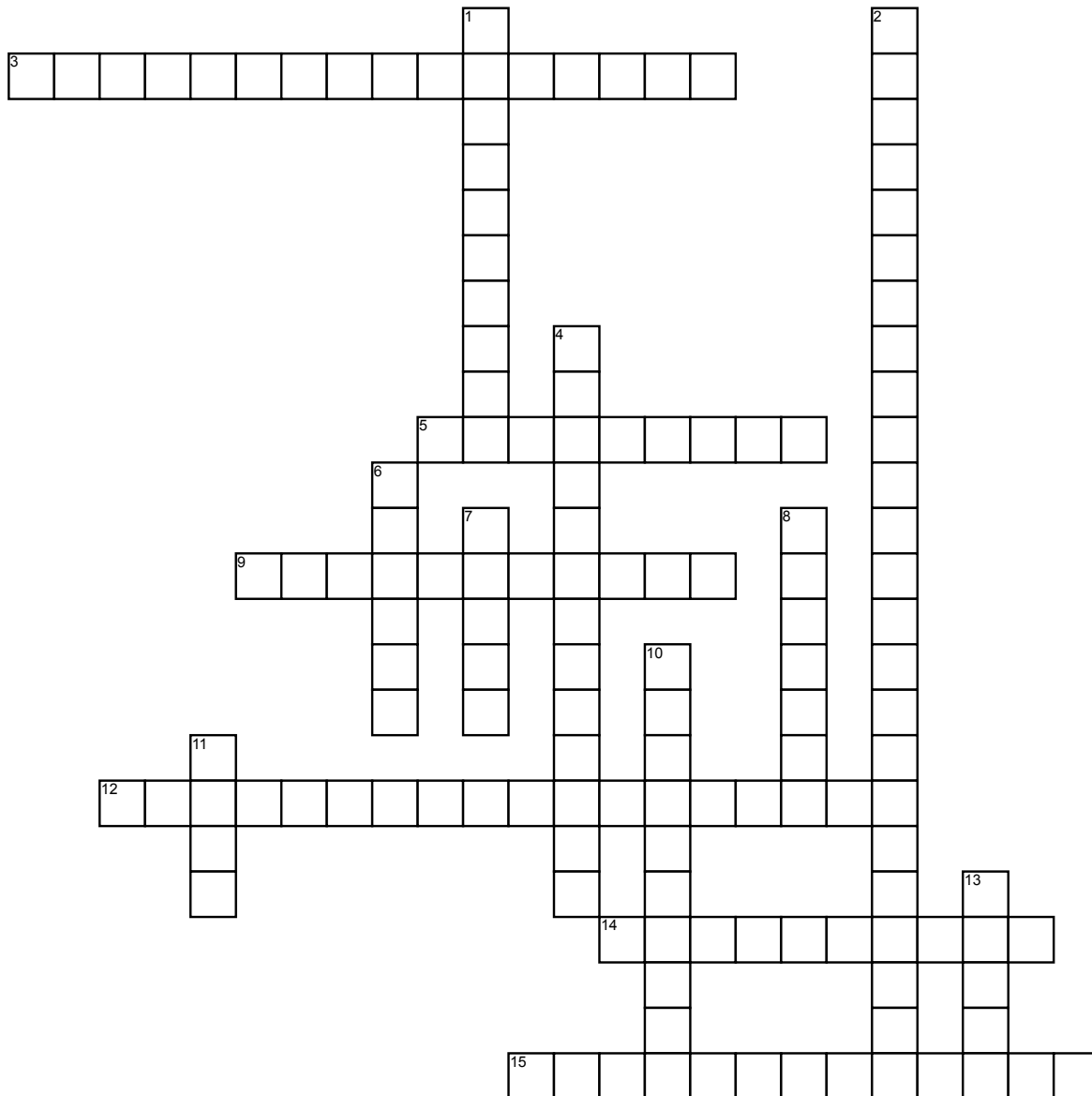


Name: _____ Date: _____ Period: _____

Jai'Dera McCluney physics word search



Across

3. is the sum of potential energy and kinetic energy

5. any device for converting mechanical energy into electrical energy by electromagnetic induction

9. a state in which opposing forces or influences are balanced.

12. the region of space surrounding a body in which another body experiences a force of gravitational attraction

14. an object or type of material that allows the flow of an electrical current in one or more directions.

15. energy which is created due to an objects motion.

Down

1. the degree to which a substance or device opposes the passage of an electric current

2. a soft metal core made into a magnet by the passage of electric current through a coil surrounding it.

4. a soft metal core made into a magnet by the passage of electric current through a coil surrounding it.

6. a body's relative mass or the quantity of matter contained by it

7. the alternate rising and falling of the sea, usually twice in each lunar day at a particular place, due to the attraction of the moon and sun.

8. electric potential energy per unit charge

10. an invisible barrier of exerted strength

11. the quantity of matter in a body regardless of its volume or of any forces acting on it.

13. involve rotating coils of wire which are driven by the magnetic force exerted by a magnetic field on an electric current