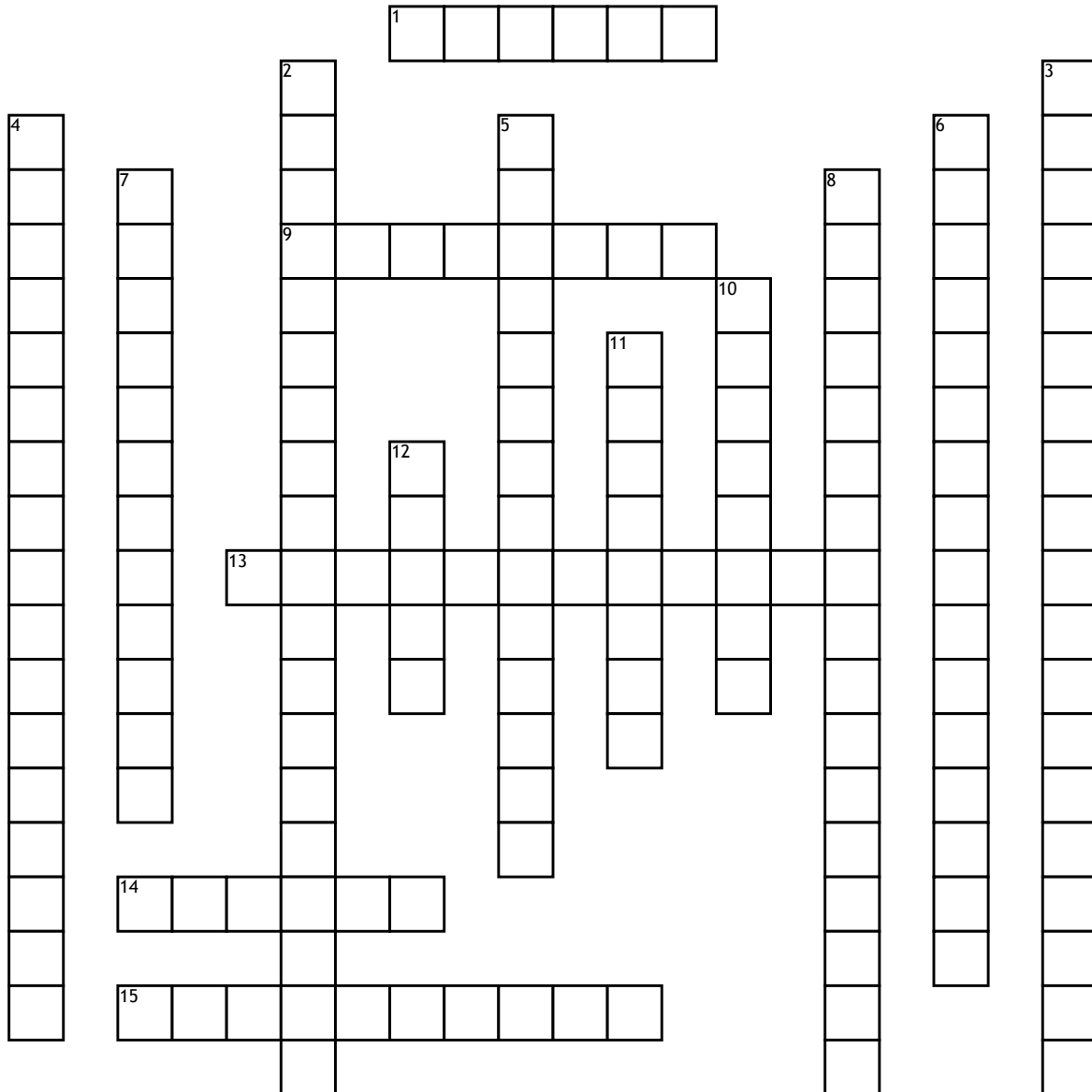


Name: _____

Physics



Across

1. A physical quantity that can be described by a single element of a number field such as a real number, often accompanied by units of measurement.
9. An object that is falling under the sole influence of gravity.
13. The rate of change of velocity of an object with respect to time.
14. A quantity that has both magnitude and direction and is usually represented by an arrow.
15. An idea or explanation that you then test through study and experimentation.

Down

2. Occurs when the speed of an object changes at a constant rate. The acceleration is the same over time.
3. The variable you can change on purpose.
4. A quantity used as a standard of measurement. Standard unit or system of units by means of which a quantity is accounted for and expressed.
5. A point in space, regardless of the type of geometry that you are using, that stays still and does not move.

6. •a system of geometric axes in relation to which measurements of size, position, or motion can be made.
7. How far an object has travelled from it's starting point and the direction of the object.
8. What is measured in an experiment and what is affected during the experiment.
10. The rate at which an object changes its position.
11. A measure of how far an object has travelled or how far away it is.
12. How fast an object is moving