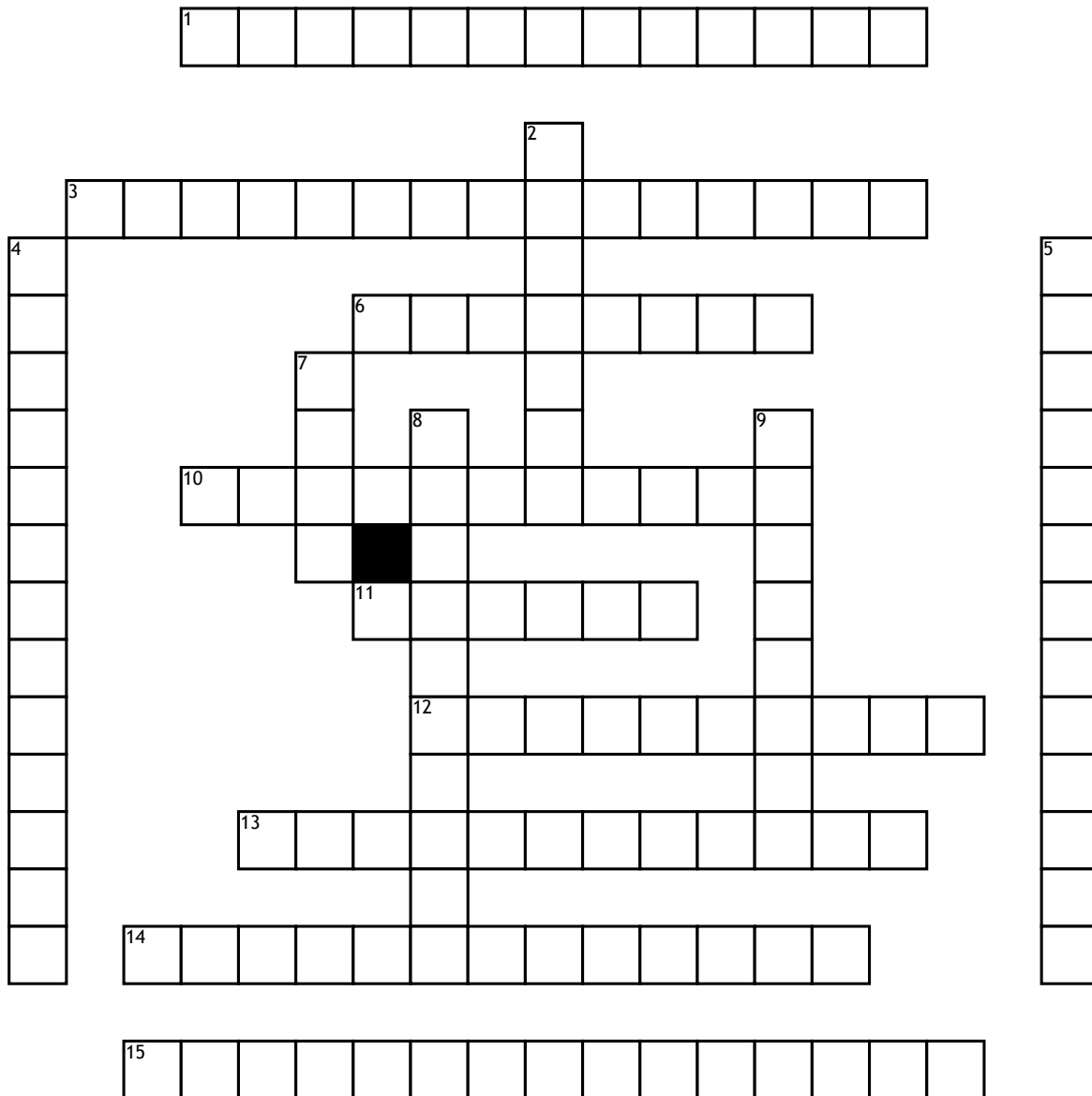


Name: _____

Date: _____

Scence Vocabulary: Unit 2



Across

1. Energy that an object has due to its motion
 3. Two or more forces that are not equal and opposite of one another; can cause change in motion
 6. The length of a path between two points
 10. Equipment used to measure a force such as weight
 11. A simple machine that consists of a rope that fits into a groove in a wheel

12. Tool used to measure the amount of Newtons applied to an object

13. The overall rate of speed at which an object moves; calculated by dividing the total distance an object travels by the total time

14. Device that makes work easier, often by reducing the amount of effort forces needed to move an object

15. Energy stored due to an object's position

Down

2. Unit for force

4. Equal forces acting on an object in opposite directions; there will be no motion

5. A simple machine that is a straight, slanted surface, which facilitates the raising of loads; a ramp

7. Force exerted on an object that causes it to move; $\text{work} = \text{force} \times \text{distance}$

8. The force that is applied to the machine.

9. The combination of all forces acting on an object