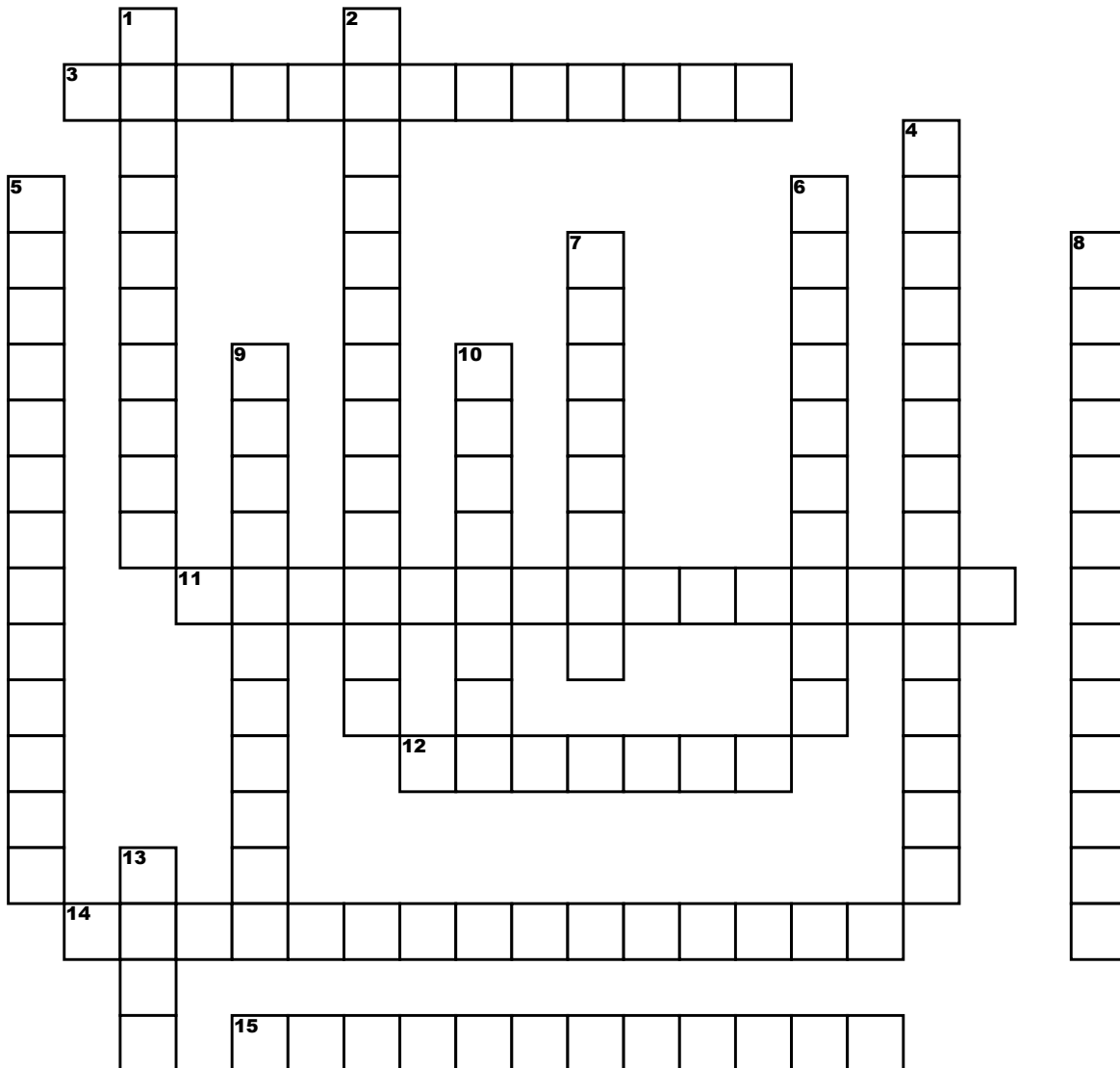


Name: _____

Date: _____

Science Vocabulary



Across

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

11. Two or more forces that are not equal and opposite of one another; can cause change in motion

12. Unit for force.

14. Energy stored due to an object's position

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

Down

1. The force that is applied to the machine.

2. A simple machine that consists of a rope that fits into a groove in a wheel

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

5. Energy that an object has due to its motion

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

7. The combination of all forces acting on an object

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

9. Equipment used to measure a force such as weight.

10. The length of a path between two points

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