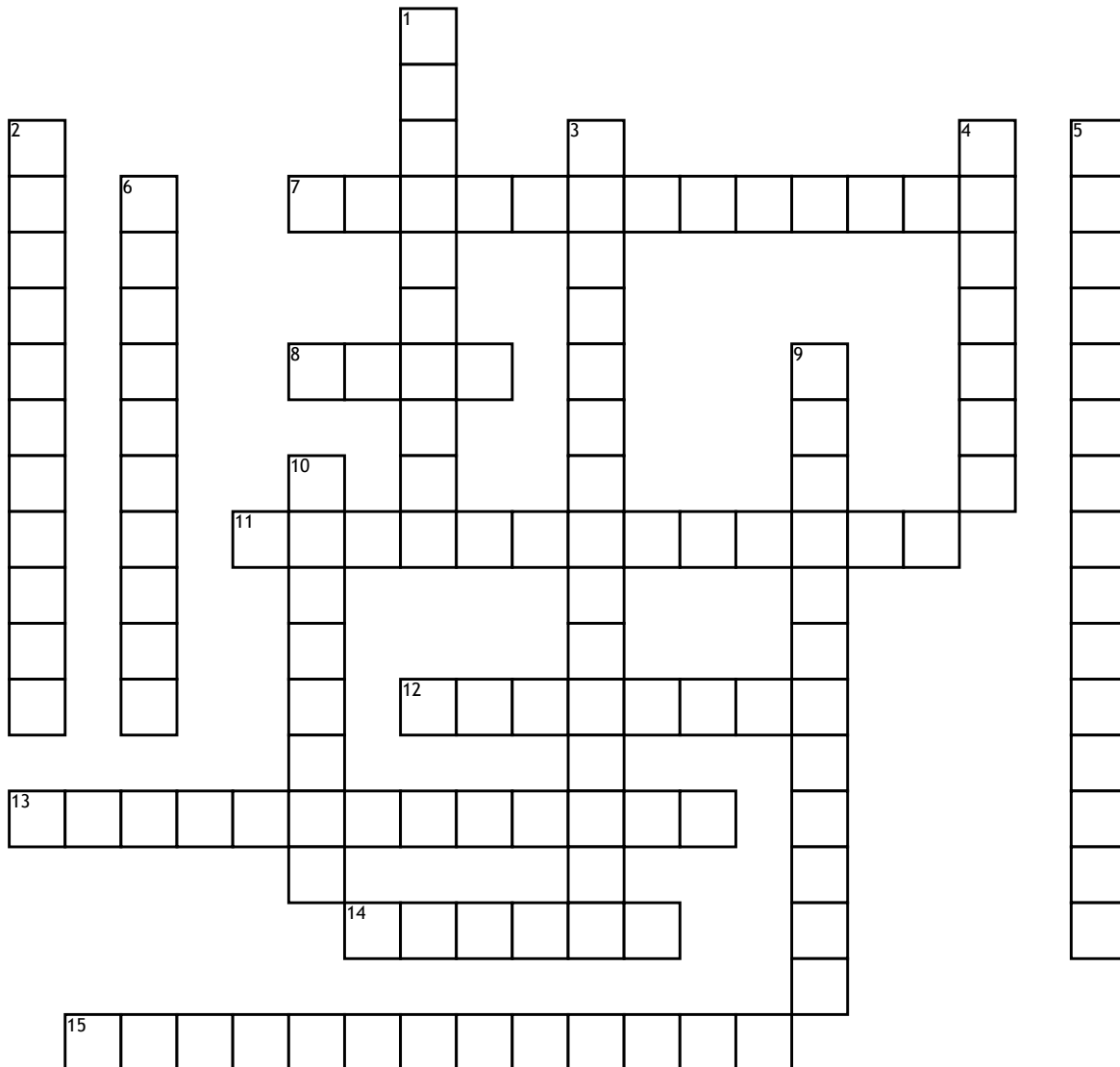


Name: _____

Date: _____

Force



Across

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

8. Force exerted on an object that causes it to move;
work=force x distance

11. Energy that an object has due to its motion

12. The combination of all forces acting on an object

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

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

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

Down

1. tool used to measure the amount of Newtons applied to an object

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

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

4. Unit for force

5. Energy stored due to an object's position

6. The force that is applied to the machine.

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

10. The length of a path between two points