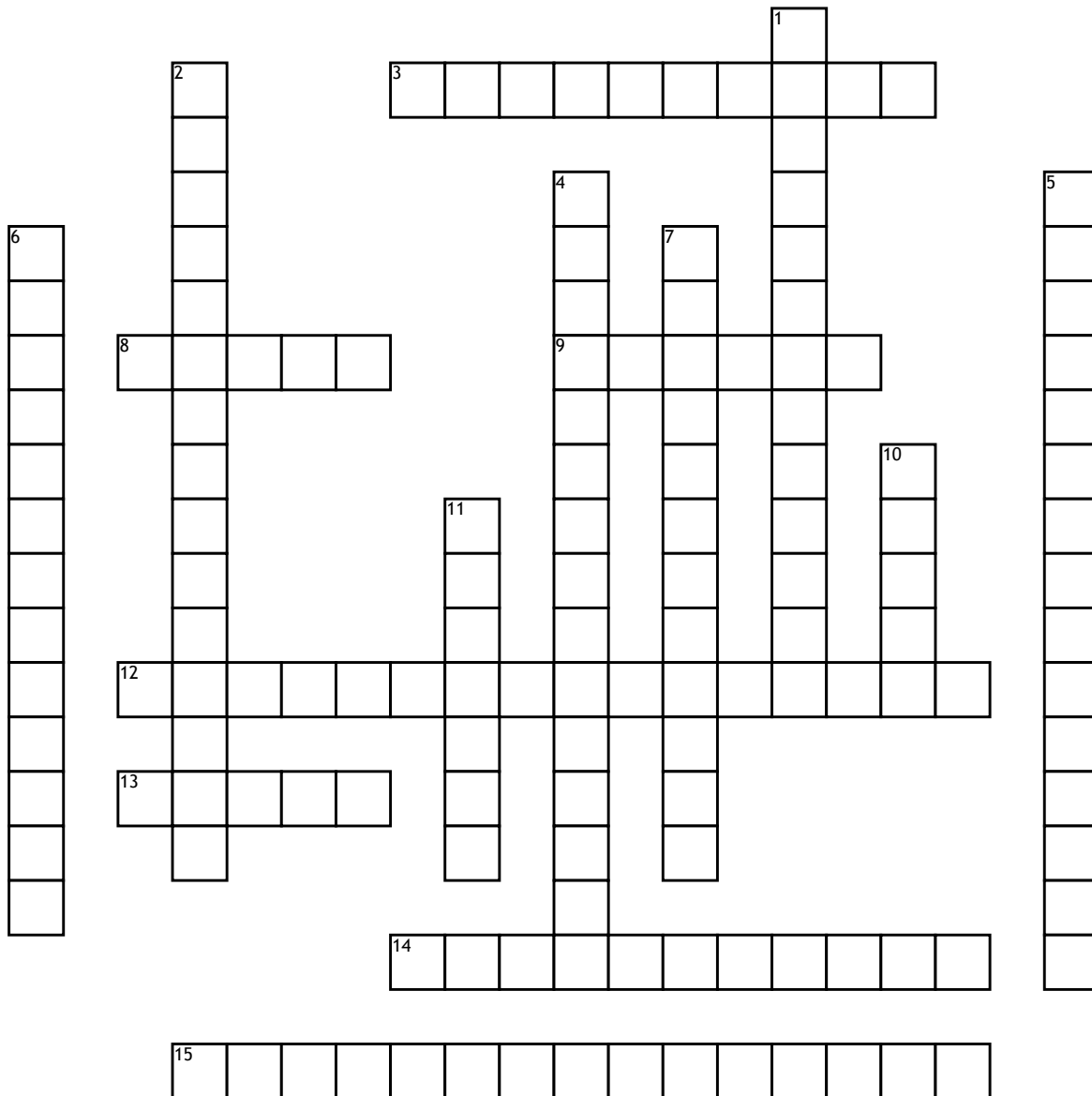


Name: _____

Date: _____

machines



Across

3. Ability to do something with sating he least amount of waste,time, and energy as posible
8. the inclined plane type consisting of a spirally grooved solid cylinder and a correspondingly grooved hollow cylinder into which it fits
9. Machine that has a wheel with a rope and lifts loads
12. Person in one end is the load and the fulcrum is its pivot point

13. Machine that has a bar that pivots on fulcrum

14. It's Wheel and axle stay in one place

15. A beam with a fulcrum in the middle

Down

1. Flat supporting surface at an angle with end raised more than the other

2. Beam in the middle with a fulcrum in the.

4. Machine using 2 or more simple machines

5. Force applied between fulcrum and load

6. any of the basic mechanical devices for applying a force

7. Multiple Machine with a wheel and rope to change direction of lifting the load

10. piece of metal with one thin end and one thick end Used to split things

11. the support about which a lever turns