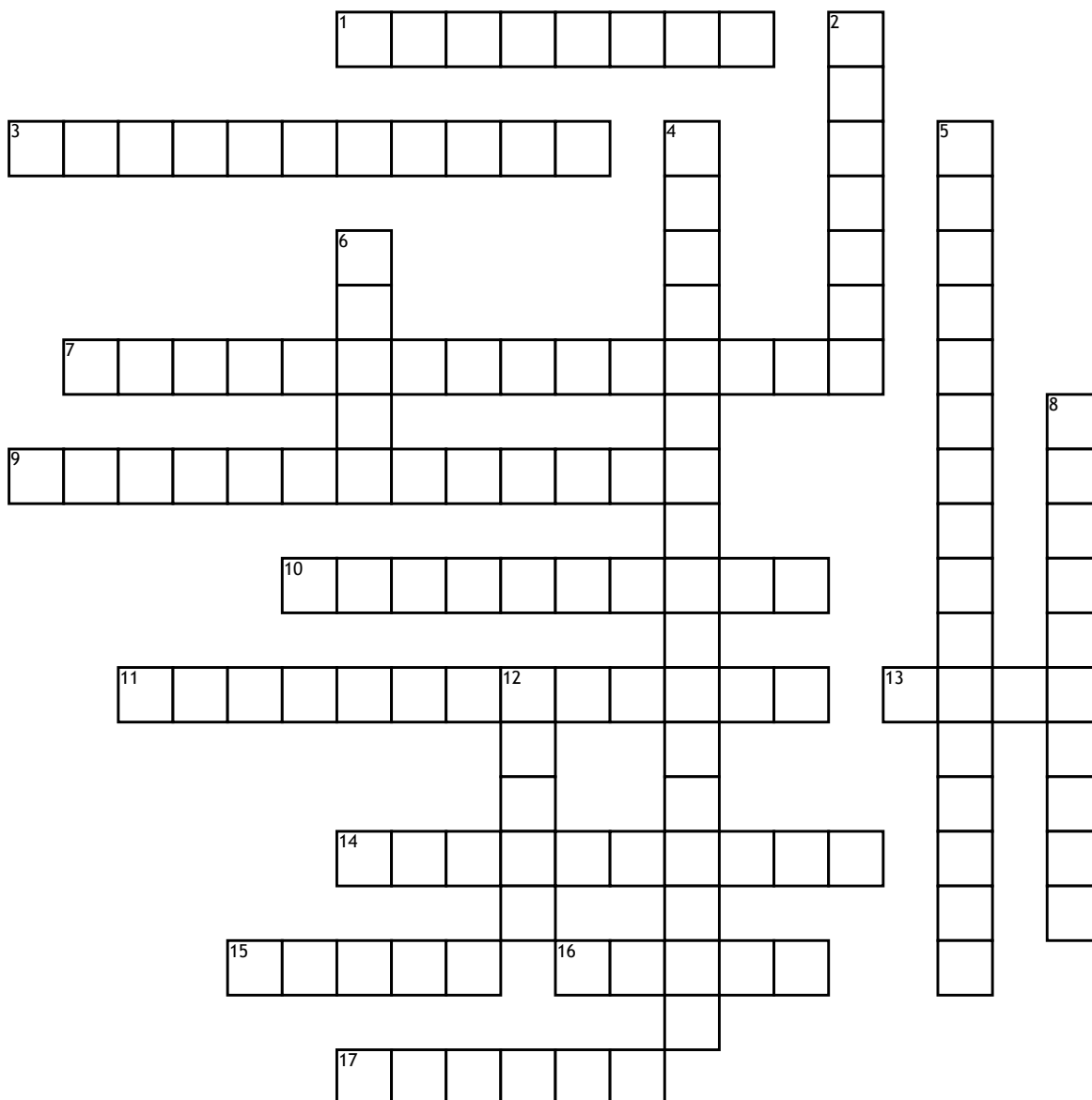


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# VEX Robotic Parts Crossword



## Across

1. Maintain desired spacing between beams and plates.
3. Use with pulleys, as a form of stored energy, and/or as a fastener.
7. Angle, Beam and right-angle beams
9. Used with beams, plates, corner connectors, and more
10. Where all information is stored in the robot.

11. Plates that lock onto shafts allowing design components to spin with the shaft.

13. Is found in 1X and 2X pieces

14. Use this to drive the robot.

15. Connects the controller to the brain.

16. Transmit power to another gear and/or mechanism.

17. Used to make the robot move.

## Down

2. Drive belts or make rollers and small wheels.

4. Holds objects on shafts and/or the shaft itself in place.

5. Create corner connections between beams, plates, or other VEX IQ parts.

6. Transmit power to, or allow rotation of, wheels, pulleys, gears, and more.

8. Creates rotary motion.

12. A 4X4 would be one of these