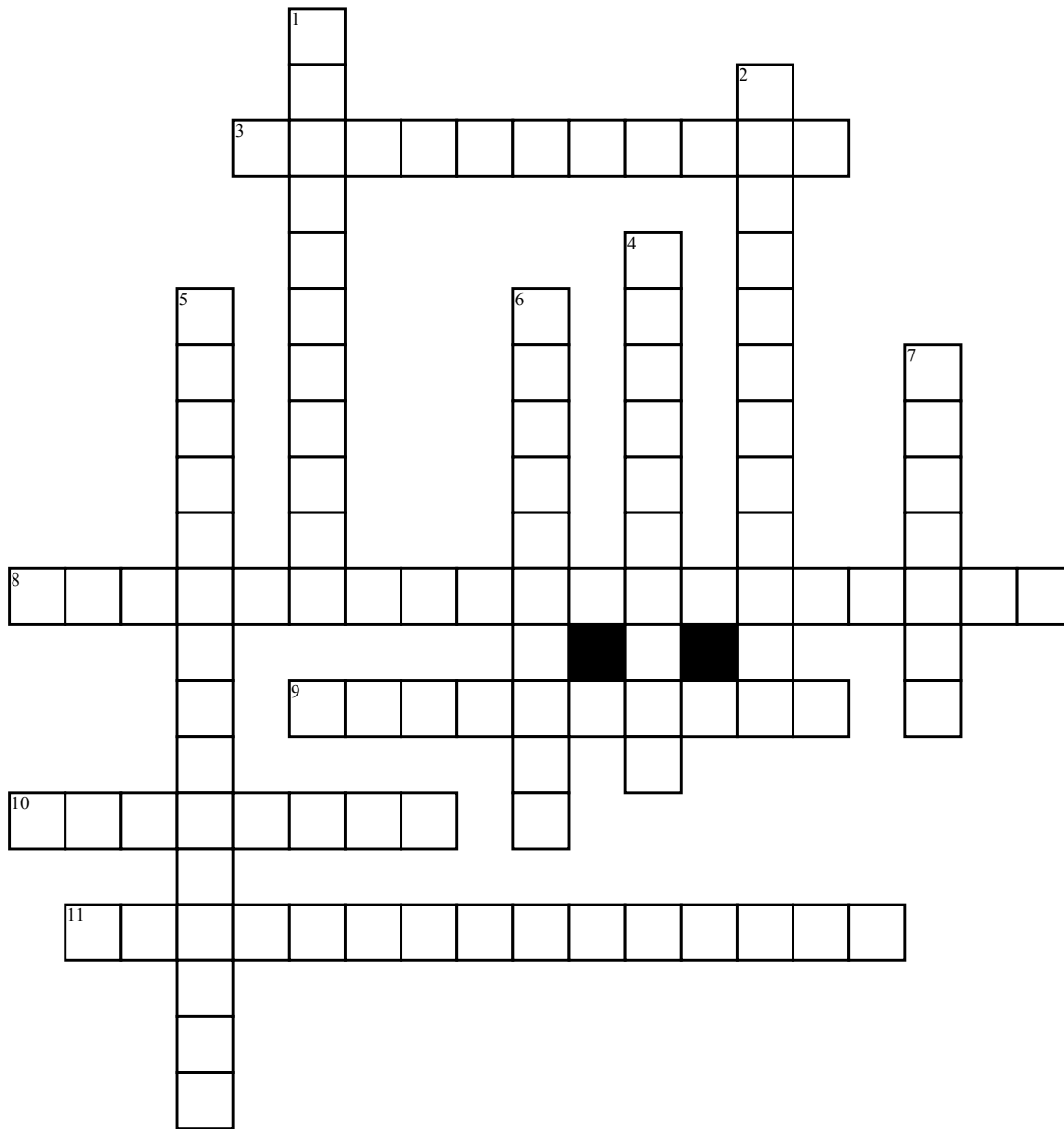


# Robotics: Chapter 1 and 2



**Across**

- 3. The robots' hand
- 8. Assigns levels of organization to the controllers
- 9. Device used to measure the speed of an object
- 10. A motor valve that converts power into robot movement
- 11. Provide rotation

**Down**

- 1. Arm of the robot
- 2. Area within reach of the robots' end effector
- 4. The part of the robot that coordinates all movements of the mechanical system.
- 5. Provide motion along a straight line
- 6. Desired path.
- 7. Stored in the controller's memory