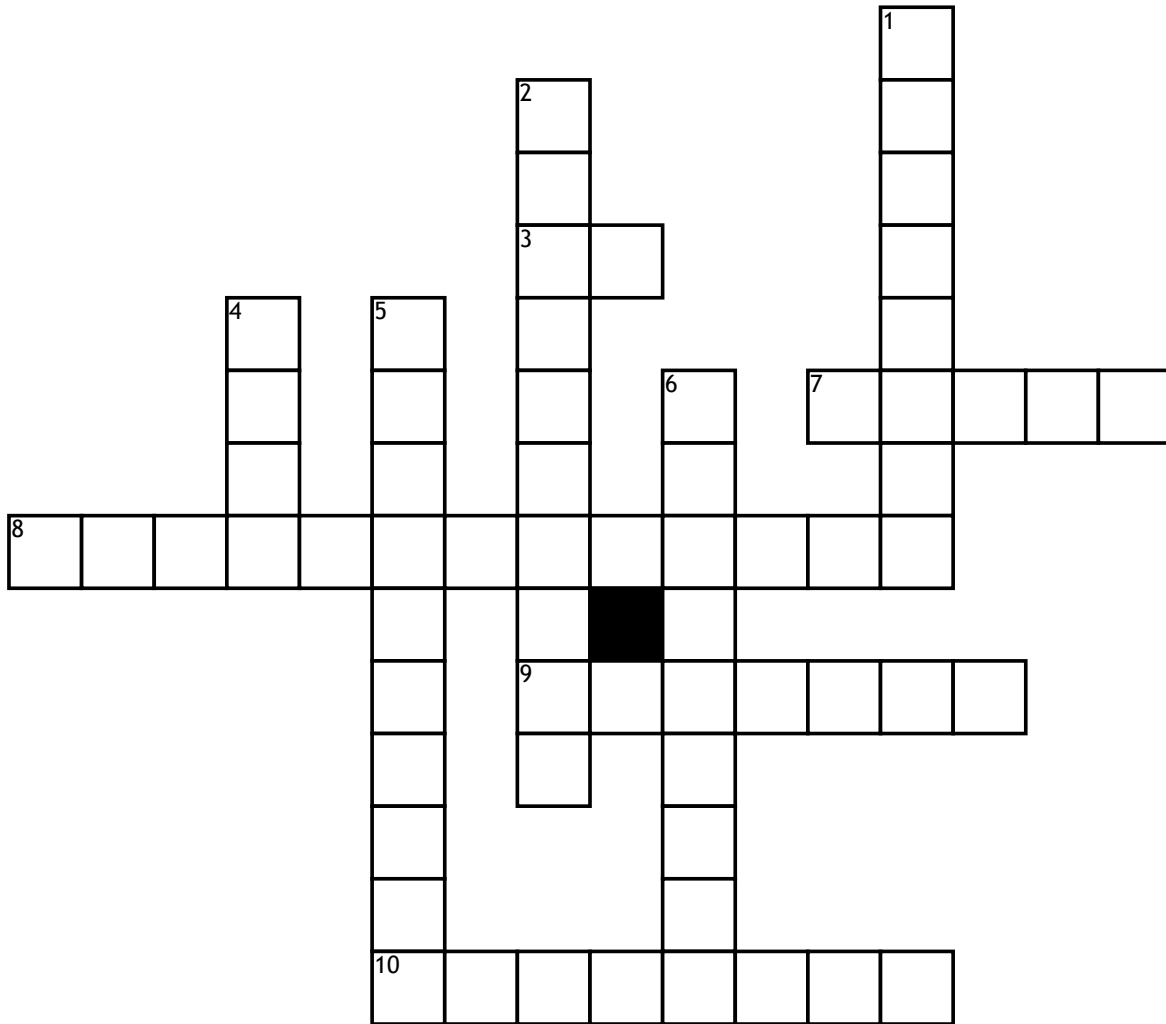


OWI ROBOTIC ARM CHALLENGE



Across

- 3. What type of motor exist on the OWI ROBOT ARM?
- 7. Which of the three minor degrees (Role, Pitch Yah) of freedom exist on OWI Robot.
- 8. _____ are remote control devices such as a bomb dispoal crawler controlled at a distance by a human operator.
- 9. The firs robots of the 1960's and 1970's were repogrammable, _____ industrial manipulators capable of memorizing repetitive movements.
- 10. A human arm has a hand. What is the name of the OWI Robot HAND?

Down

- 1. Robots + Human Likeness equal what?
- 2. Inorder to be a _____ robot the robot industry requires that it meet ALL four of the following characteristics. A robot must be a machine, Automatic, Re-programmable and Reponsive
- 4. How many Degree of Freedoms exist on OWI ROBOT ARM?
- 5. Which of the four conditions (A machine, Automatics, Re-programmable and Response) are missing on the OWI Robot Arm. Again which of the four keep the arm from being considered a Industrial robot.
- 6. Automatons are machines which follw a number of steps under _____ control