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

Robot Puzzle

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| **Across**  **3.**  is something that a robot can use to detect the current light level  **6.** a person who is the legal property of another and is forced to obey them.  **8.** a device that controls a machine  **10.** capable of movement on two or more  **11.** hard physical work  **12.**  is the part of the robot that interacts with the environment.  **13.** a type of equipment that captures and records physical touch  **14.** It is the shape created when a manipulator reaches forward, backward, up and down. These distances are determined by the length of a robot's arm and the design of its axes.  **15.**  handheld devices and may be wired or wireless used to program various models of the robotic industrial machinery the company makes. | **Down**  **1.** a device that can measure the distance to an object  **2.**  is a small board that combines a microphone and some processing circuitry.  **4.** containing or characterized by repetition, especially when unnecessary or tiresome.  **5.** the use of largely automatic equipment in a system of manufacturing or other production process.  **7.** provide (a computer or other machine) with coded instructions for the automatic performance of a particular task.  **9.** a machine capable of carrying out a complex series of actions automatically, especially one programmable by a computer. |