



Student Worksheet - Answer Key



*/Robotics Fulfillment Center Tour/>

Q1. What is an algorithm?

Answer: A step-by-step instruction for a computer.

Q2. What do drive units (robots) carry inside the Fulfillment Center?

Answer: Shelves (pods).

Q3. What helps a robot lift and carry heavy pods?

Answer: Hydraulic lift.

Q4. What do the QR codes on the floor do for robots?

Answer: Tell robots where to go and prevent crashes.

Q5. Where is all the robot's information (like routes and tasks) stored?

Answer: Cloud.

Q6. What do pickers scan before putting items into totes?

Answer: Barcodes.

Q7. Why do databases suggest the right-sized box for each order?

Answer: To save space and materials.

Q8. Why are customer names not printed on boxes?

Answer: For privacy and safety.

Q9. What does SLAM check?

Answer: If the package weight matches the order.

Q10. What does machine learning help decide?

Answer: The best route to deliver packages.

Q11. Which career designs and fixes robots?

Answer: Hardware engineer.

Q12. Which career writes instructions for robots (software)?

Answer: Software developer.