

Amazon Future Engineer



Student Worksheet Robotics Fulfillment Center Tour

career

tours

Name: _____

Class: _____

Q1. What is an algorithm?

- A cooking recipe
- A step-by-step instruction for a computer
- A robot's engine
- A barcode

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

- Boxes
- Shelves (pods)
- People
- Conveyor belts

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

- Springs
- Hydraulic lift
- Rope
- Magnets

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

- Tell robots where to go and prevent crashes
- Count how many steps robots take
- Store songs and videos
- Charge the robot's battery

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

- USB stick
- Cloud
- Pod
- Robot's memory only

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

- QR codes
- Barcodes
- URLs
- Passwords



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

- To save space and materials
- To confuse the picker
- To make boxes heavier
- To hide barcodes

Q8. Why are customer names not printed on boxes?

- To save ink
- For privacy and safety
- Robots forget names
- Names make boxes heavier

Q9. What does SLAM check?

- The color of the box
- If the package weight matches the order
- If the robot is tired
- If the barcode is shiny

Q10. What does machine learning help decide?

- The best route to deliver packages
- Which robot sings better
- Where to place QR codes
- Which pod is tallest

Q11. Which career designs and fixes robots?

- Chef
- Hardware engineer
- Artist
- Pilot

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

- Farmer
- Software developer
- Athlete
- Musician