

Practice: Robot Directions

Read the step-by-step instructions. Follow them in order, one move at a time.

Name: _____

Date: _____

 Worked Example

Algorithm: 1. forward 2 steps. 2. turn left. 3. forward 1 step. The robot reaches the box, moving only as told.



Q1. A set of step-by-step instructions is called an _____.
algorithm

Q2. Should a robot do the steps in order?
yes / no

Q3. How many moves are in one step?

Q4. Step 1: forward 2. Step 2: turn left. What is step 2?

Q5. If the robot misses the box, do we fix a step or give up?

Q6. Should the robot make extra moves not in the steps?
yes / no

Q7. Which comes first: step 1 or step 3?

Q8. Why must the robot follow the steps in order?
Explain.
