

Robot Instructions

Name: _____ Date: _____

Partner (Robot): _____

Your Task

Write step-by-step instructions for your robot to draw this shape:

A square with 5 cm sides, with a triangle sitting on top. The triangle's base is the same as the top side of the square.

Rules:

- Words only — no diagrams or sketches
 - Be precise: say exactly where to start, which direction to go, and how far
 - Your robot will follow your instructions EXACTLY — no guessing allowed
-

My Instructions

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____

15.

16.

17.

18.

19.

20.

Test Results — Round 1

(Filled in by the WRITER after watching the robot)

Step #	What the robot actually did	Match?
		Yes / No

Overall result: Did the robot produce the correct shape? **Yes / No / Partially**

What went wrong?

Revised Instructions (Debug Round)

Rewrite only the steps that failed:

Step ___ revised: _____

Step ___ revised: _____

New step added after step ___: _____

Test Results — Round 2

Did the revised instructions work better? **Yes / No / Partially**

What I changed and why:

Reflection

What does "precise" mean, in your own words?

Why can't a computer just "figure out what you mean"?
