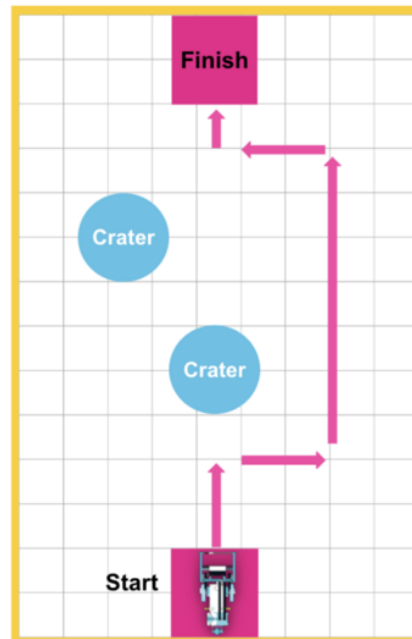# Program Planning Activity

Directions: Below are lines of pseudocode from a challenge that accidentally got jumbled up. Rearrange the order of the pseudocode so that the robot can successfully navigate around the craters.

Watch out! Not every line of pseudocode is actually needed. You may use a line more than once. And remember that .45 rotations makes a 90-degree turn!

Hint: Each square on the grid is 10cm.

Pseudocode Toolbox

1. Move forward [10cm]
2. Turn right [3.5 rotations]
3. Move reverse [70cm]
4. Turn left [.45 rotations]
5. Move forward [10 degrees]
6. Turn right [.45 rotations]
7. Move forward [70cm]
8. Turn left [6 rotations]
9. Move forward [20cm]

Finish

Crater

Crater

Start

Corrected Pseudocode

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____