Move Forward Exercise – Part 1

Name: _____

Drag a <Move> Block onto the programming canvas. Notice that the number of
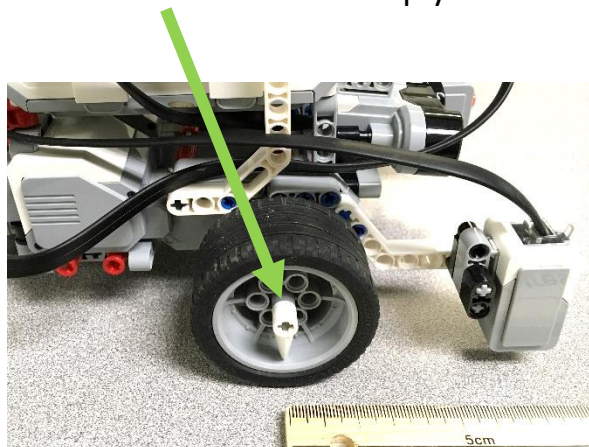
wheel rotations is set to **1**.

1. Download your program to the robot by pressing .

2. How far did your robot travel? Measure

   with a **meter stick**.

   _____ cm (centimeters)

   Hint: You can use the **wheel holder** to line up your robot.

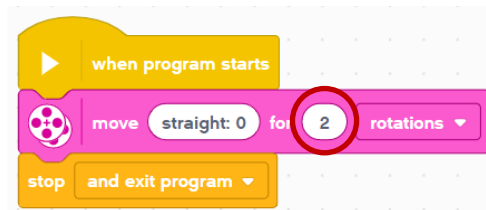3. On the meter stick, **mark** how far the robot travels with **1** rotation.

   Hint: Use tape and a pencil for marking.

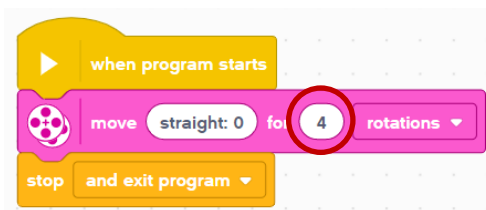4. Now, program the robot to move forward **2 wheel rotations**.

   How far did your robot travel?

   _____

5. **Estimate** (guess) how far will the robot move with 4
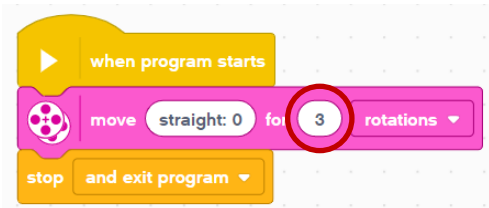
   rotations?

   _____

   Program your robot to move 4 rotations and measure how

   far it goes.

   _____

6. Challenge Question:

The kids in the photo estimated

that the robot travels **72 cm**

with **3 rotations.**

They put some tape on the floor.

Is their estimation correct? Will the robot travel 72 cm?

_____

Program your robot to move **3 rotations** and measure how far it goes.

_____