

Move Forward Exercise – Part 2

Name: _____

1. How many **wheel rotations** will your robot need to travel **17 cm**?

fill in here



2. **Estimate** (guess) how many wheel rotations will your robot need to travel **51 cm**?

Hint:

17 cm x 1 = 17 cm
17 cm x 2 = 34 cm
17 cm x 3 = ...
17 cm x ...



3. Use your **estimated number** to program your robot.

How far did it travel? _____

4. Setting your **wheel rotations** to 1 makes the robot travel 17 cm.

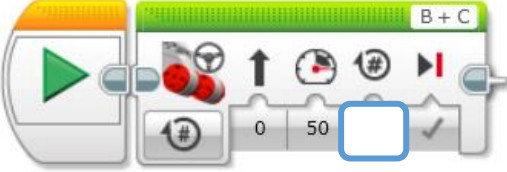
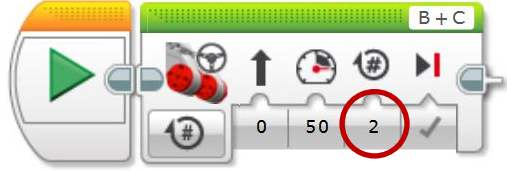




How can you make it travel **half that distance**, and how far does it travel then?

Fill in!



Robot travels

5. Fill in the table.

	<p>Robot travels 17 cm.</p>
	<p>Robot travels _____</p>
	<p>Robot travels 51 cm.</p>
	<p>Robot travels _____</p>
	<p>Robot travels 8.5 cm.</p>
	<p>Robot travels 0 cm.</p>