



Group #: _____

Judge: _____

Mark the following in the maze to the left:

- Starting point A, end point B, and trial #
- Starting orientation

<u>Group Marking Criteria:</u>	<u>Run:</u>	<u>Notes:</u>
<u>1. Localization (10 points)</u>	<u>Milestone 3</u>	
Achieves localization from random 360 degree initial orientation - Initial orientations of 90 degree increments parallel to maze - 5/6 max - Require known orientation - 4/6 max	/6	
Arrives at loading zone and provides visual indication	/2	
Arrives at delivery location and provides visual indication	/2	
<u>2. Block Pick and Place (10 points)</u>	<u>Milestone 3</u>	
Find block randomly placed in loading zone	/4	
Picks up block	/4	
For both 2 sections above: - Block initially placed by the team - 3/4 max - Team moves the block to help the robot during the run - 2/4 max		
Block placed down at delivery zone - block lowered right next to drop-off location (1' x 1' block), 1/2 max	/2	
<u>3. Penalties</u>		
Collides against obstacles (-1/incident, -10 max)		
Requires assistance (- 3/incident, -15 max)		
<u>Group Run Total</u>		