

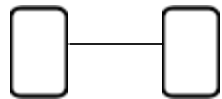
Robot Measurements/Calibrations - Worksheet

1 rotation of the motors will move the robot . This is how far the robot travels with 1 rotation of the wheels.

The robot wheels are apart.

Take $\times \pi$ (3.14) = . This is the turning circle of the robot, which is also called the circumference.

If one robot wheel rotates backwards and the other rotates forwards, the robot will spin at the center of the robot: To figure out how many rotations are needed to make the



robot spin around once, we use this formula:

/ = number of rotations
needed to spin robot 360°

