

Duke/DPS Robotics Program

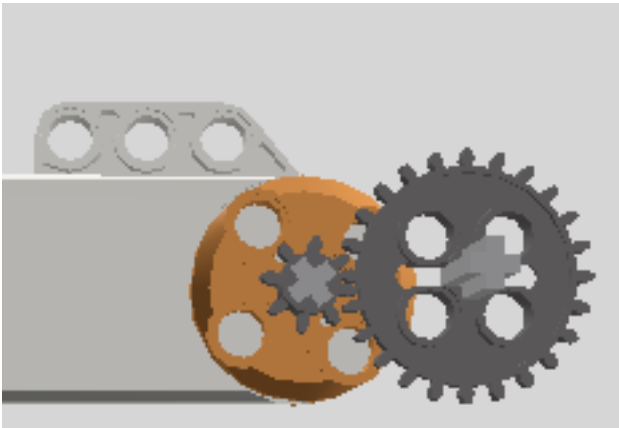
10/22

Worksheet 2

Dead Reckoning

Describe in detail how you got your robot to make a 90-degree turn, including any calculations you may have made.

Gears



In this setup, the left gear is on an axle attached to the motor, and the right gear is on an axle attached to the wheel. Will a robot using this setup go faster or slower than if we didn't use any gears at all? Explain why you think so.