Get in Gear Worksheet

Robot Race: *Configure the gear train for speed*
1. What is the gear ratio you used?

2. What is your hypothesis on the effect this will have on the speed of your robot?

3. Run the program and write down your observations.

Robot Push: *Configure the gear train for torque*
1. What is the gear ratio you used?

2. Run the program and write down your observations.

3. How fast did your robot go this time, compared to before?

4. Was it able to push the heavy item?