Get in Gear Worksheet

Robot Race: *Configure the gear train for speed*

1. **What is the gear ratio you used?**

2. **What is <u>your hypothesis</u> 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?**