# 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: *Config******ure 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?**