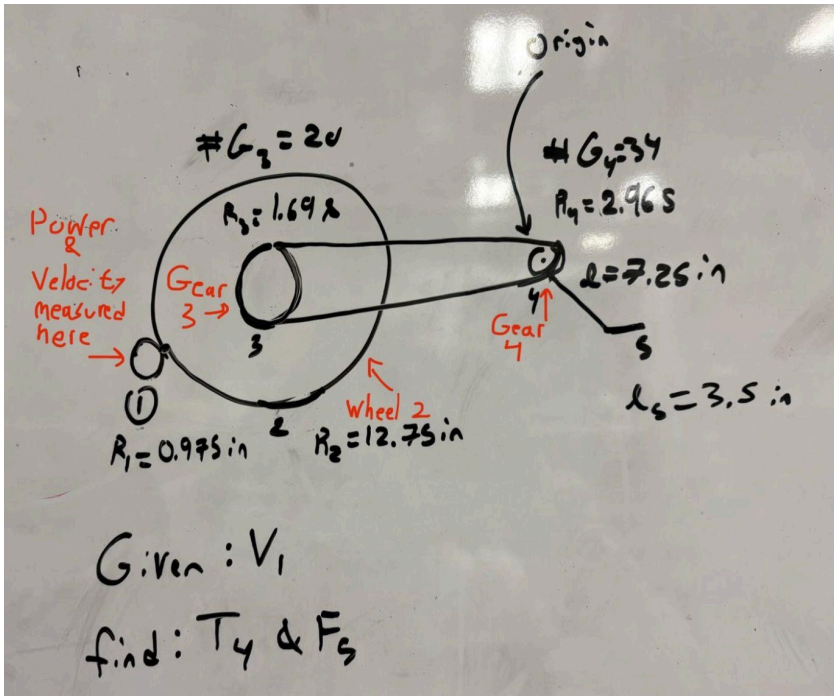

$$T_4 = \frac{P_1 * (\#G_4) * R_2}{(\#G_3) * V_1}$$

$T_4 = Torque\ at\ Gear\ 4$

$P_1 = Power\ Measured$

$(\#G_4) = \#\ of\ Teeth\ of\ Gear\ 4$

$(\#G_3) = \#\ of\ Teeth\ of\ Gear\ 3$

$R_2 = Radius\ of\ Wheel\ 2$

$V_1 = Velocity\ Measured$

For the Current Power Rig Set up

$(\#G_4) = 34\ teeth,\ (\#G_3) = 20\ teeth,\ R_2 \approx 12.75$