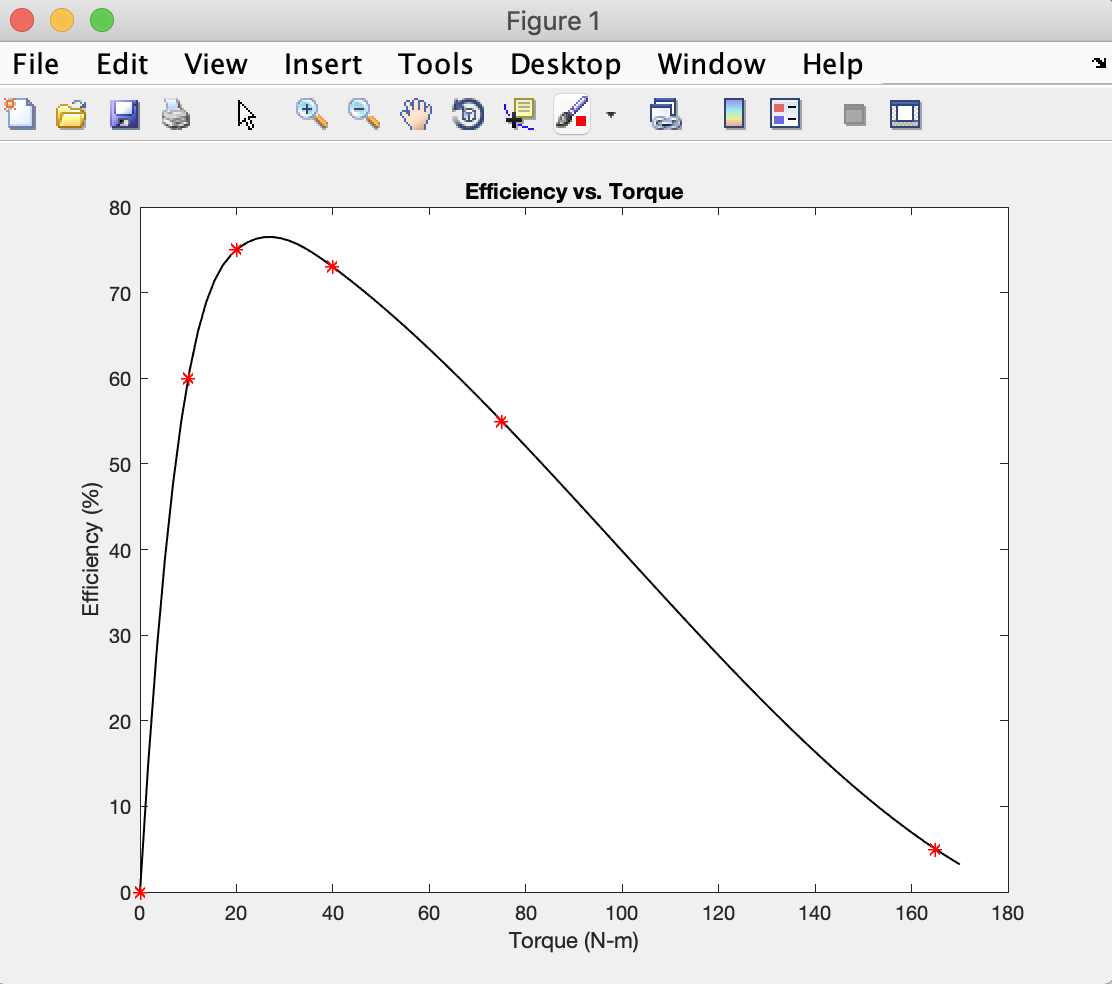
**Task 2:**



After making observations based on the figure presented above, it is seen that as the torque increases from 0 to approximately 25, the efficiency also increases to about 75%. Once this maximum point is reached the efficiency begins to decrease for the continuing torques. The effective data points are also observed at six different efficiencies and torques. Overall this plot shows the rover has highest efficiency while at a torque of approximately 25 Nm. After this point, the efficiency is not worth the higher force.