

Name _____ Period _____

N2L Quiz 3

1. A 2013 Porsche 918 Spyder weighs in at 3616 lbs (the mass is 1640 Kg) and can go from zero to 60 mph (27 m/s) in 2.80 seconds. What is the net force produced car's engine? 4 points
2. If the Porche 918 experiences a friction force of 8150 N what is the total force produced by the car's engine? 2 points
3. A 2013 Ford F-150 4x4 Limited SuperCrew pickup with EcoBoost can go from zero to 60 mph in 6.50 seconds. The pickup weighs 4920 lbs (21894 N). What is the mass of the truck? 4 points