Ex #1 A horse named Epona pulls a 400-kg carriage with a force of 890 N. If there is 115 N of friction, what is the acceleration? Ignore air resistance.

Ex #2   A bucket is being lifted out of a well. It has a mass of 3.2 kg. What force is needed to make the bucket accelerate at a rate of 1.35 m/s^2?

Ex #3   The engine of a 1300-kg car applies a force of 1235 N. If there is 239 N of friction and 623 N of air drag, what is the acceleration of the car?