

Name - _____

Start time - __ : __

End time - __ : __

Identify the action and reaction forces in the following scenarios:

a) A person pushes a book across a table.

b) A car accelerates forward on a road.

c) A rocket launches into space.

Calculate the force required to accelerate a 500 kg car at a rate of 2 m/s^2 . Show your work.

Discuss the relationship between mass, acceleration, and force as described by Newton's Second Law of Motion.

State Newton's Second Law of Motion in equation form and explain what each variable represents.

a b c d e f g h i j k l m n o p q r s t u v w x y z