

FORCE

A PUSH OR PULL ON AN OBJECT

CONTACT FORCES

A PUSH OR PULL APPLIED BY ONE OBJECT TO ANOTHER OBJECT THAT IS TOUCHING IT

PUSH

TO PRESS ON OR AGAINST WITH FORCE IN ORDER TO MOVE IT AWAY

PULL

TO DRAW OR HAUL TOWARD ONESELF OR ITSELF, IN A PARTICULAR DIRECTION, OR INTO A PARTICULAR POSITION

FRICTION

A CONTACT FORCE THAT RESISTS THE SLIDING MOTION BETWEEN TWO OBJECTS THAT ARE TOUCHING

NONCONTACT FORCES

A FORCE THAT PUSHES OR PULLS AN OBJECT WITHOUT TOUCHING IT

ELECTRICAL

AN ATTRACTIVE OR REPULSIVE FORCE BETWEEN TWO CHARGED OBJECTS

MAGNETISM

THE FORCE EXERTED BETWEEN A MAGNET AND A MOVING ELECTRICALLY CHARGED PARTICLE

GRAVITY

A NONCONTACT ATTRACTIVE FORCE THAT EXISTS BETWEEN ALL OBJECTS THAT HAVE MASS

NET FORCES

THE COMBINATION OF ALL FORCES ACTING ON AN OBJECT

BALANCED FORCES

FORCES ACTING ON AN OBJECT WITH THE NET FORCE OF 0

UNBALANCED FORCES

FORCES ACTING ON AN OBJECT WITH A NET FORCE THAT IS NOT 0

MOTION

THE CHANGE IN THE POSITION OF
AN OBJECT OVER TIME

DIRECTION

THE GENERAL PATH AN OBJECT
TAKES WHEN MOVING OR
POINTING