

# Download Force And Vector Applications Answers

A Net Force Causes an Acceleration. As mentioned earlier, a net force (i.e., an unbalanced force) causes an acceleration. In a previous unit, several means of representing accelerated motion (position-time and velocity-time graphs, ticker tape diagrams, velocity-time data, etc.) were discussed. Using Trigonometry to Determine a Vector's Direction. The direction of a resultant vector can often be determined by use of trigonometric functions. Answers.com is the place to go to get the answers you need and to ask the questions you want. A fluid flowing past the surface of a body exerts a force on it. Lift is the component of this force that is perpendicular to the oncoming flow direction. It contrasts with the drag force, which is the component of the force parallel to the flow direction.