

# Download Physics Torque Problems With Solutions

Rotational Motion. EXAMPLE PROBLEM ON TORQUE: The Swinging Door. Question In a hurry to catch a cab, you rush through a frictionless swinging door and onto the sidewalk. Torque is derived from the Latin word *torquere*, which means 'to twist'. Torque is an ability of a force to rotate its axis of rotation. So we can say that it is a turning force. What is a see-saw problem? A see-saw problem is a problem in which there is a see-saw, a pivot (fulcrum), and a torque. In a see-saw problem in order for the see-saw to be in balance: Solving rotational motion and torque problems in physics class can get ugly. Here's a solution to an exam problem that shows the best process you can use.