



NATIONAL UNIVERSITY OF TECHNOLOGY, ISLAMABAD

QUIZ I (CALCULUS II), SPRING 2019

DUE DATE: APRIL 23, 2019

Q.1 Find the magnitude of the torque exerted by the force \mathbf{F} on the bolt at P if $|\vec{PQ}| = 8$ in. and $|\mathbf{F}| = 30$ lb (see, Figure 1). Answer in foot-pounds.

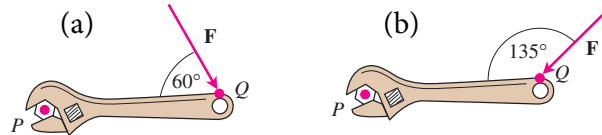


Figure 1: Torque Exerted by \mathbf{F} .
