CH06 Practical Assessment:

Q1. Calculate: A force (0,5) is applied at the point (3,0), with the body's center at (0,0). What is the torque?

Q2. Calculate: A box with mass 6, width 4, and height 2 gets that torque. What are its moment of inertia and its angular acceleration?

Q3. Calculate: The force is now (0,−5) at the same point. What is the torque?