

Phys101 Assignment Cover Sheet

First Name: _____ Last Name: _____ Mark: _____

Student ID: _____ Date: _____

Phys101 Written Assignment #5

Due Mon/Tue Oct 17/18, 2011, in the tutorial

Textbook (Giancoli, 6th edition) page 221 problem #38.

- 38.** The forearm in Fig. 8–45 accelerates a 3.6-kg ball at 7.0 m/s^2 by means of the triceps muscle, as shown. Calculate (a) the torque needed, and (b) the force that must be exerted by the triceps muscle. Ignore the mass of the arm.

