

Section 6.3. Problems 4, 6, and 8 technically do not have a part a. What I mean by part a is the first “find.” Don’t do the rest of the problem. In particular, here’s what you are to do:

- 4a. Find the torque of  $\mathbf{A}$  about  $O$ .
- 6a. Find the velocity of the head of  $\mathbf{B}$ .
- 8a. Find the vector torque about the origin due to this force.

In #12(a) and #16, you may use the formulas on the “Vector Identities” handout.