Name:_____

Homework Week # 10

Rotational Dynamics
Due Tues 10/29/19

Reading

C&J Physics: **Tues – Ch. 9: 1-4   Thurs – Ch. 9: 4-7**

OS Coll Phys: **Tues – Ch. 9: 1-6   Thurs – Ch. 10**

Problems

Problem 1.   **9.1**

Problem 2.   **9.2**

Problem 3.   **9.7**

Problem 4.   **9.12**

Problem 5.   **9.18**

Problem 6.   **9.32**

Problem 7.   **9.33**

Problem 8.   **9.33 (use the parallel-axis theorem)**

Problem 9.   **9.49 (treat each mass as a point mass)**

Problem 10.   **9.59 (hint: $I_{tot} = I_1 + I_2$)**