

## Physics 2300: Problem Set #11

These problems are due at the end of the day on Tuesday, November 20th. Remember to write a concise problem statement, and to give just a word or two as to where your equations are coming from.

1. Morin 8.28 and Morin 8.46 (Board and cylinders)
2. Morin 8.43 (Maximum frequency)
3. Morin 8.45 (Atwood's with a cylinder)
4. Morin 8.47 (The spool)
5. Morin 8.48 (Stopping the coin)
6. Morin 8.52 (Cylinder, board and spring)
7. Morin 8.53 (Swirling around a cone)
8. Morin 8.61 (Perpendicular deflection)
9. (BONUS) Morin 8.56 (Falling and sliding stick)