

## Physics 262: Problem Set #8

These problems are due by the end of the day on Friday, Feb. 27 in the graders' box.

NOTE: For each problem, your solution should begin with a brief statement of the problem, i.e. a description of the setup, including a list of the inputs and the goal.

1. Morin 9.35 (Tilted moments) p. 422
2. Morin 9.39 (Striking another triangle) p. 424
3. Morin 9.40 (Sticking sticks) p. 424
4. Morin 9.15 (Free top angles) p. 418
5. Morin 9.46 (Slightly wobbling) p. 425
6. Morin 9.48 (Seeing tails) p. 425
7. Morin 9.51 (Rolling lollipop–horizontal axle) p. 426
8. Morin 9.22 (Rolling lollipop–tilted axle) p. 419
9. (BONUS) Morin 9.53 (Sliding lollipop) p. 427