

Loops & Orbits — Directions for HW 4

Due Monday, Jan. 27, 2020, at end of office hours

For the problems you missed on the midterm, do the following:

- * Figure out the right answer.
- * On a separate sheet of paper from your midterm, explain why you now choose that answer.
- * Staple and turn in your correct answers with explanations.

For each corrected answer, I will curve your midterm up by a half-point. So if you had 9/15 you can get six half-points, which brings your midterm up to a more solid 12/15.

Additional directions for specific problems are below.

Part I — Physics & Math

3. Baseball with Drag

Many people missed this. Remember that drag is in the *opposite* direction from velocity. How does that change the right answer.

Part II — Computer Science

8. Pass-by-Reference and Pass-by-Value

Many people missed this. Study problem 12 to help you get the correct answer.

9. Functions and Scoping

Study problem 15 to help you get the correct answer. What is happening to my_total?

Part III — Coding

11-15. For these, start Jupyter, type in the code. Report what happens.