**How to make homework easier:**

- Start to attempt HW ASAP. In order to finish, **allow 2-4 days (4-8 hours)** for reviewing, practicing, and reading (new chapters) before the due date.
- Review the text, chapter summary, lecture notes, and problem-solving steps on notes and textbooks.
- Understand your questions before plugging numbers into equations.
- Start the problem by drawing a diagram. Explain your solution in words.
- Read my online HW hints and helps first.
- If homework looks hard, first try to solve the sample problems on the book and lecture notes without peeking.
- Pay attention to units. Check results and order of magnitude to make sure they are reasonable. Pay attention to round off error.
- **Get help—but only after trying the problems yourself.** Discussions are allowed and encouraged. But NEVER cheat! Offering or asking homework answers completely destroy the precious learning opportunities.

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**WebAssign HW system Introduction**

It’s free during the first two weeks. Try it ASAP.

Registered students and official waiting list students already have accounts. Non-official waiting list students who pass the math exam will be able to login during or after the first weekend.

Login at [https://www.webassign.net/](https://www.webassign.net/)

You will need three pieces of info to log in: **username, password, institution.** They are pre-assigned to you. Figure out yours using the following example:

**If your name and SFSU ID are: Joe Smith, 123456789,** then your log-in is:

- **Username:** smith6789
- **Institution:** sfsu
- **Initial password:** 6789 (you can change it after you login)

**Update your email address in webassign once you login, so that you will receive future announcements about exams by email on time.** Read the instructions and practice submitting answers **with correct numerical format and formula format**, in the first assignment.

**Fee:** (About $20 per semester), you can pay any time during the first two weeks. The **Webassign registration code** can be bought through webassign website or together with textbook in the bookstore.

**Try your log-in ASAP:**

Webassign online traffic can be heavy during the first a couple of weeks each semester. Try your account earlier to avoid delay due to system down time.

**Registration code:**

Once you have successfully logged in, you will be prompted to enter in a registration code. You may choose to take care of this immediately, or skip it for the moment: **You have a grace period of two weeks** (the system will tell you exactly how long) during which you can use the system without paying. After the grace period, you will be barred from accessing the system until you’ve paid the registration fee. Please note that some bundles of the textbook may come included with a **WebAssign code**, so you may already have bought one. (It must explicitly say “WebAssign” otherwise it is a code for something else.) A limited quantity of registration codes sold separately may also be available in the bookstore, for those few students unable or unwilling to make a credit card purchase on-line.
General system usage:
You may log in and out of the system as many times as you like, and can save your work from one session to another, with or without submitting it for grading. You will have 1-5 attempts to submit each part of each question depending on the question (generally 5 attempts for numerical questions). After each submission, the system will let you know if what you entered was right or wrong, for each part.

Use the “Submit New Answers to this question” button for each question. If you only want to answer some, but not all, parts of a multi-part question, leave the other parts untouched (even if they are filled in incorrectly from a previous attempt). Only the parts of the question you modified since the last submission will be graded and counted as an attempt.

Your last submission will be counted towards your final HW grade. If you get the correct answer on your first or second attempt, there is no need to submit the answer again. You should AVOID the “Submit All” button at the very bottom of the assignment. There is absolutely no need to use this button whatsoever. Any points accumulated via the individual problem buttons are in the bank—there is nothing you need to do to finalize or lock in those points. If you see the points at the header of the HW, and under “show details” for each question, then you need do nothing more.

While all students will complete the same problems for HW, please note that the numerical values in the WebAssign problems will differ from those in the text (and from your classmates). If you are unsure of the physics or system usage—seek help from me or the built-in help features. This means you should not wait until the last minute to do your HW. Also, if worst comes to worst, please recall that your lowest HW score will be dropped.

How to format your answers:

Units:
All units are provided for you. You just need to enter in the correct numerical value. Always take note of the units you are being asked to give your answer in. They may not always be SI units.

Large Numbers:
Do not include commas when entering large numbers. WebAssign does not understand this.
Example: correct = 12582 incorrect = 12,582
WebAssign uses the same format for scientific notation as many calculators.
Example: this number: 6.2·10⁻⁵ should be entered as: 6.2E-5 (no spaces)

Round-off / Decimal Places / Sig-figs:
Enter in your answers with at least 3 significant figures, if you want to always err on the side of caution.
The system accepts answers within 1% of accuracy. If the final correct answer is 1.643 meter, and your answer is 1.64 meter, it is fine, because you are off by 0.003 meter less than 1% of the correct answer. But if you answer 1.6 meter, you are off by 0.043 meter, which is 2.6% lower than the correct answer. And webassign will mark it wrong. 1.64 has 3 significant figures, and that is normally enough.

Other: If you have any further questions you can use the webassign build in system to ask me questions. Keep an eye on announcement area there.

NO HW EXTENSION IS ALLOWED. The two lowest scores can be dropped.