

## Engagement—Optimize your Success and Understanding!

The purpose of homework is to learn and practice computational strategies, concepts, and develop critical thinking and problem-solving skills, so you should first try problems on your own. Making mistakes is integral to the learning process—the key is to try to engage rather than give up, and I’ve added instant feedback in the online system will help you. It is on purpose that there are problems in the homework that don’t look exactly like what we did in class in order to provide you with rich settings to explore in order to learn deeply and stretch you beyond what we do in class. I care about your success and have designed the course to help you learn, incorporating feedback from prior students and principles from the literature like *Make It Stick: The Science of Successful Learning* by Peter Brown, a book I highly recommend.

The image shows a screenshot of the WileyPLUS interface for a course by Hughes-Hallett. The navigation bar includes 'Home', 'Read, Study & Practice', 'Assignment', and 'Gradebook'. The 'Assignment' section is active, showing a list of assignments with a 'sort by column' dropdown. Three blue callout boxes are overlaid on the page:

- Try it Out!**
  - repeatable hw
  - clickers
  - group work
- Review and Understand Misconceptions**
  - self-reliance hw
  - quizzes
- Solidify and Make Connections**
  - exams
  - applications
  - make a video

### Part 1 (Repeatable hw):

- Hints and Link to text are always visible. Feel free to use them.
- Instant feedback solutions visible after first attempt, but give the first attempt a good faith effort.
- The answer is visible after a few attempts, but try to figure out with a good faith effort from the solution first. You may work with others and use any resources you find helpful on this portion.

### Part 2 (Self-reliance hw):

- Designed to further develop your familiarity with the material & independence in critical thinking.
- You will have one try, which you are to complete on your own without any help.

A given WileyPlus assignment will (eventually) be computed as:  $91\% \times \text{Part 1} + 9\% \times \text{Part 2}$ , where that score will be rounded up to the nearest multiple of 5 in order to try to minimize frustrations with typos or formatting, and instead have you focus on your understanding (for example a score that is greater than 80 up to 85 is rounded to 85). Late submissions will receive at most half credit. If you have problems with the online system, you can also turn in the problems by-hand—numbers are on the main web page.

### Avoid Becoming too Dependent on the Online System

After you understand a method, it will probably help you to write down some notes and your sample work. Try the problems again on paper after a day or two and again before the exam (without the solutions in front of you). I’ll assign you some to turn in. Reflect, like via the following:

1. What method works here? Why?
2. Look back to ensure that you have answered all parts of the question and have no errors in algebra.
3. What ideas don’t you feel really clear on? (avoid illusions of knowing)
4. Do any other methods from prior classes or Calculus II work here?

### Logging in and Technical Issues

- Adding the course to your account: Go to [wileyplus.com](http://wileyplus.com) and then Register and then enter the course i.d. is **644137**. You’ll see our section and then you can log in or register. Access is free.
- After that first time, it will be in your account when you log in. Technical issues? Clear your cache or switch browsers or contact [wileyplus.com/support](http://wileyplus.com/support).
- Wiley lists only the assignments. The **main web page** (Google Dr. Sarah... ) lists **quizzes, tests, and solutions to group work**. ASU Learn has **forums** and **solutions to Part 2 problems**. I’m happy to help!