

### **iLrn Hints for Lesson 36, 37, and 38**

You can always view correct answers on iLrn after you end an assignment by clicking on "view details" to any problem. This will help you judge if your math is incorrect. If you get back into the assignment, you should have a different version of that problem.

You can always submit inputting questions to the discussion board linked from: [www.math.purdue.edu/MA\\_153](http://www.math.purdue.edu/MA_153)

Be specific with your question. Kristin is live on the board MWF nights from 8-10pm and will answer also at other times ASAP (except right before a due time). Students complain that iLrn will not accept their answer, but it is almost always the math that is wrong so iLrn is working correctly.

Remember that we drop 5 online assignments at the end of the semester.

#### **Lesson 36:**

#1 Use the  $\log_{\square}$  button template within the log x menu to enter logarithms.

#2 Math hint: Remember that you must check your answer to be sure that you will end up taking logs of positive numbers.

#### **Lesson 37:**

#1 The function is in millions. If the question asks for when the population will reach 1.8 billion, for example, then you should use 1800 million. When you arrive at your answer, enter the actual year that this occurs (like 2007 for example) and round that year to the nearest integer.

Math hint: Remember to isolate the exponential term BEFORE taking the natural log of both sides.

#### **Lesson 38:**

Aaahhhh....the last lesson for iLrn. For those that stuck with it, good job!! The exam averages went up over the course of the semester. I know it isn't the most popular tool, but it does help some students learn by continuing at the problems until they are correct.

#2 There is a log button template if your base is 10 and another when you must enter the base (see #1 above in lesson 36). This question is base 10.

Also, if the answer is  $\log x^6$ , then enter as  $\log(x^6)$  with the 6 inside the parantheses.

**For lessons 39 and 40, they will be done by paper and pencil (the old fashioned way) and will be collected during class on dead week.**