

Name:

ID:

Questionnaire

Due: Tuesday, May 17th

PLEASE WRITE ANSWERS ON A SEPARATE PIECE OF PAPER, STAPLE IT TO THIS ONE AND TURN THEM BOTH IN. SHOW ALL WORK AND BOX FINAL ANSWERS TO MATH PROBLEMS.

The first part of this questionnaire helps you setup your WebWork account and complete your first WebWork assignment.

1. Go to
https://webwork.math.ou.edu/webwork2/mmolander_math1823_160_summer2016/
2. Where it says “username” type your first initial of your first name and your whole last name, all in lowercase.
3. Where it says “password” type your ID number
E.g. If my name were Barack Obama and my Id number were 12345 I would sign in by:
Username: bobama
Password: 12345
4. Click “Continue”. If for some reason this username and password do not work, please email me ASAP. (My email is on the syllabus). It is a good idea to change your password once you get logged in.
5. Once properly logged in, you should see “WebWork_1”. Click to open WebWork 1 and complete the problems assigned. If you have any questions doing these problems or entering the answers please email me ASAP (or go to the Math Center). This will complete your first WebWork assignment.

The second part of this questionnaire gives me some background on your previous math experience.

1. What year in school at OU will you be starting Fall 2017?
2. What’s your major?
3. What was your last math course?
4. When did you take your last math course?
5. Describe your relationship with math. (Do you enjoy doing math? Do you hate math? Does it give you stress just thinking about it?)

Name:

ID:

The third part of this questionnaire asks some Algebra and Precalculus problems. Please try your best to answer the questions, but it IS acceptable for this questionnaire to write “I don’t know” if you don’t know how to solve it. This questionnaire is meant to show me what material to review. PLEASE SHOW ALL WORK AND BOX YOUR FINAL ANSWER.

1. Evaluate the following expressions WITHOUT using a calculator.

(a) $(-3)^4$

(b) -3^4

(c) 3^{-4}

(d) $\frac{5^{23}}{5^{21}}$

(e) $(\frac{2}{3})^{-2}$

(f) $16^{-3/4}$

2. Simplify each expression. Write your answer without negative exponents.

(a) $\sqrt{200} - \sqrt{32}$

(b) $(3a^3b^3)(4ab^2)^2$

(c) $(\frac{3x^{3/2}y^3}{x^2y^{-1/2}})^{-2}$

3. Expand and simplify.

(a) $3(x+6)+4(2x-5)$

(b) $(x+3)(4x-5)$

(c) $(\sqrt{a} + \sqrt{b})(\sqrt{a} - \sqrt{b})$

(d) $(2x+3)^2$

(e) $(x+2)^3$