Assignment Sheet for the Textbook for Intermediate Algebra

All assignments listed on this assignment sheet include both book assignments and worksheets from the packet.

TO GET CREDIT FOR YOU HOMEWORK YOU MUST:

A. Write the assignment number from this sheet, the page number and the problem numbers from the book assignment on the TOP RIGHT CORNER of your homework paper.

B. Papers clip these assignments together in the order they appear on this sheet.

C. Turn your textbook work in on the day you take your exam. You must put your grade tally sheet on top of this assignment sheet and use these two sheets for the cover sheets.

D. Any assignment that you have completed must be highlighted with a highlighter on this assignment sheet. Do not highlight anything you have not done. Highlighting your assignment sheet will indicate both to you and to me what you have completed on your assignment sheet.

E. All textbook assignments should be correctly completed and graded by you. You have the answers to the assigned problems in the back of your book.

F. Worksheets from the packet have answers on them. You should solve the problems on them showing all work like you do for textbook assignments.

G. You MUST record your score on your grade tally sheet. You get a completion grade for all textbook work. Give yourself 10 points for each completed and corrected regular homework assignment. Record that score on the homework line on your grade tally sheet.

H. Give yourself 20 points for each extra credit assignment that is indicated on your assignment sheet with a ** that you complete. Review Exercises and Practice Test are extra credit assignments and are labeled with **. They should be highlighted in a different color (for example use a yellow
highlighter for completed daily textbook assignments and a pink highlighter to indicate any ** extra credit completed assignments). Record this on the line for extra credit assignments on your grade tally sheet.

I. **You must show all work to get credit for extra credit assignments.** Review Exercises and Practice Tests are good things to do to help you to study for your exam. Be sure you do those because you earn lots of points for doing them.

J. Do not include daily pop tests from the packet with assignments from this assignment sheet – daily pop test do not have answers on them – we go over these in class. Please do not include you daily class notes with homework.

K. **You should read the material in the textbook that precedes each homework lesson.** If you have trouble completing your homework, you should use your study guide to help you, go for free tutoring in the math tutoring room L245 or L247, go to the learning center for help, see me during my office hours or work with someone in your group.

L. **All work must be shown on your homework paper.** I will not give you credit for completing an assignment if you just write the problem and the answer especially if the problem is complicated and requires several steps. My philosophy is if I cannot do the problem in my head, I assume you cannot do it in your head. If the problem is simple and can be done in your head in one step, then please do it that way.

M. **You may call Mrs. Wagner in her office (L221) 209-7396.** I am often in my office in the evenings after 8:00 PM until 10:00 PM or later Monday through Wednesday and occasionally on Thursday. I have a recorder on my phone. Please leave me a message if I am not there. Please phone before coming to my office in the evenings for an appointment.

N. **You may e-mail me and I will respond ASAP.** My e-mail address is “judybwagner@hotmail.com” check it daily.

O. **Be sure to re-work and study your daily pop tests and old exams in the Library to help you to study for your exam.**
Basic Concepts; General Review; Properties of Real Numbers;
Using Laws of Exponents; Adding, Subtracting, Multiplying, and
Dividing Polynomials; Factoring Polynomials.

4. Properties of Exponents: 1.6 # 1 – 110 odds, 117 - 127 odds, pgs. 54 - 56.
7. Scientific Notation: 1.7 # 1 – 25 odds, pg. 61.
8. ** Review Exercises # 5 – 27 odds, # 40, 41 – 51 odds, pg. 66 & 67. You must show all work to get credit for extra credit exercises.
9. ** Chapter Test 1: # 2, 4 – 18 All., # 35 – 37 All, pg. 68. You must show all work to get credit for extra credit exercises. Note: for Chapter Test you do “All” of the problems not just the odds.
10. Skill Maintenance: 2.1 # 57, 59, 61, pg. 76; 2.2 # 65 pg. 91; 2.4 # 77, 79, 81, pg. 116; 2.5 # 77, 79, 81 pg. 124 & 125; 3.3 # 43, 45, 47, pg. 170.
15. Common Factors and Factoring by Grouping: 5.3 # 1, 3, 5, 9, 13, 15, 17, 21, 25, 27, 31, 33, 35, 37, 39, 41, 43, 47, pg. 291.
17. Factoring Perfect Square Trinomials and Differences of Squares: 5.5 # 1, 3, 5, 7, 9, 11, 13, 15, 19, 21, 23, 27, 29, 33, 35, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, pg. 307.
18. Factoring Sum and Differences of Cubes: 5.6 # 1 – 35 odds, pg. 312.
19. General Factoring Strategy: 5.7 # 1, 5, 7, 9, 11, 13, 15, 19, 21, 23, 25, 27, 29, 33, 35, 37, 39, 41, 43, 45, pg. 316.
21. ** Review Exercises # 29, 30, 31, 32, pg. 403
22. ** Chapter Test 5 # 1 – 29 All, pg. 332.
23. ** Chapter Test 6 # 17, 18, 19, 20, pg. 404.

Exam # 1 covers assignments # 1 – 23 on this assignment sheet. Remember your textbook homework assignments are due on the day you take your exam. I will grade your textbook assignments while you take your exam. Your work must be turned in at the beginning of class. Have them ready to turn in when you come in to class to take your exam. Be sure to follow the correct directions above as to how you should label, order, highlight and record your homework assignments. Don't forget to look in the Library at the old exams to see what you should expect your exam to be like. There are no word problems on exam # 1.

Word Problems: Re-work the 28-problem worksheet (on pgs. 3 – 3 through 3 – 11) in your instructional packet in your own handwriting. Re-work it exactly as I did, but you do not have to copy the problem in words. This should help you to understand how to set up word problems by yourself. Turn in your re-worked word problems as soon as you have completed copying them for 100 points. You will have word problems frequently this semester. You should work on assignments # 24 – 28 from the textbook on your own using the technique for problem solving you learned from recopying the 28 problem word problem worksheet. Please turn in these word problems from the book with the homework for your 3rd exam (Assignments # 24 – 28). You have a while to get these done, but you should be working on them everyday until you complete them.

24. Introduction to Problem Solving; 1.4 # 21 – 37 odds, pg. 36.
25. Rational Expressions Applications: 6.5 # 1 – 39 odds, pgs. 374 – 376
26. ** Review Exercises: # 25, 27, pg. 403;
27. ** Chapter Test 6 # 23, 24, 25, 26 pg. 404
28. Applications: 3.3 # 19 – 37 odds, pgs. 169 & 170.

Using Factoring to Simplify Rational Expressions, Solving for X, Solving First Degree or Linear Equations.


33. ** Review Exercises: # 29, 31, 37, 61 pg. 67

34. **Chapter Test 1 # 19, 21 pg. 68.

35. Skill Maintenance: 2.2 # 67, 69 pg. 91; 2.3 # 85, 87, 89 pg. 104; 3.1 # 53, 55, 57, pgs. 149 & 150, 6.5 # 41, 43, 45, pg. 376; 7.7 # 47, 49, 51, pg. 457.

36. Formulas, Models and Geometry: 1.5 # 1, 5, 7, 9, 11, 13, 15, 19, 21, 23, 25, 27, 31, 33, pg. 44.


38. Formulas: 6.8 # 1, 3, 5, 9, 13, 15, 17, 19, 21, pg. 395.


40. ** Chapter Test 6: #1 – 13 All, pg. 404.

Exam # 2 covers assignments # 15 – 23 on factoring, and # 29 - 40. There will be no word problems on Exam # 2. Include the homework assignments # 29 - 40 in your homework that you turn in for the 2nd exam. You do not need to turn in work I have already given you credit for.

Working with Inequalities, Solving Quadratic Equations, Clearing Exponents, Using a "U" to Solve Equations, and Solving Problems With Variables Under Radicals.

41. Linear Inequalities: 4.1 # 3, 5, 7, 13, 17, 21, 27, 29, 31, 33, 39, 41, 45, 47, 49, pg. 220 & 221.

42. Intersections, Unions and Compound Inequalities: 4.2 # 1, 3, 5, 7, 11, 13, 15, 19, 21, 23, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 55, 57, 59, 61, pgs. 230 & 231.
44. ** Review Exercise # 1, 3, 5, 7, 9, 13, 15, 17, 19, 21, 27, 29, 31, pgs. 261 & 262.
45. ** Chapter Test 4 # 1, 2, 3, 4, 5, 6, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, pg. 263.
46. Quadratic Equations Solved by Factoring, Quadratic Word Problems: 5.8 # 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 43, 45, 47, 49, 51, 53, 59, 61, 67, pgs. 325 & 326.
47. ** Review Exercises # 45, 47, 49, 53, 55. pg. 331.
48. ** Chapter Test 5 # 30, 31, 32, 33, pg. 332.
49. Quadratic Formula: 8.2 # 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, pg. 488.
50. Factoring and Completing the Square 8.1 # 1, 3, 5, 7, 9, 11, 13, 15, 39, 41, 45, 49, 53, 55, 57, 59, 61, pgs. 481 & 482.
51. Applications: 8.3 # 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 31, pgs. 494 & 495.
52. Using a “U”, Equations Reducible to Quadratics: 8.5 # 1, 3, 5, 7, 9, 11, 15, 17, 19, 23, 25, pg. 507.
53. Quadratic Inequalities and Rational Inequalities: 8.9 # 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, pg. 539.
54. ** Review Exercises # 1, 3, 5, 11, 13, 15, 17, 21, 32, 33, pg. 543 & 544.
55. ** Chapter Test 8 # 1, 2, 3, 4, 5, 10, 14, 23, pg. 544.
56. Solving Radical Expressions: 7.6 # 1, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, pg. 448.
57. ** Review Exercises # 37, pg. 468.
58. ** Chapter Test 7 # 19, 20, pg. 469.

Exam # 3 has 2 parts. The first part is over inequalities only in assignments # 41 - 45. (pop test 6.1, 6.2, and 6.3) The 2nd part is over the remaining material covered in assignments # 45 - 57. (pop tests 6.4 through 6.7 and pop tests 5.1 through 5.7). Each part will be given on different days. Homework from the textbook will be graded during the Exam over the 2nd part. Remember to include the homework from the word problem section (assignments # 24 - 28) with the homework from this section (assignments # 41 - 58).

****** BUY GRAPH PAPER AND BRING IT TO CLASS!!!! You will take your class notes for the section on graphing on graph paper and we will use it in class. You will also need the graph paper to do your homework on so buy a
large package of it, please. You will need a graphing calculator everyday in class when begin graphing. Please be sure that you bring yours to class.

**Simplifying Radicals and Working with Complex Numbers.**


62. Dividing and Simplifying, Rationalizing Denominators: 7.4 # 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, pg. 434.


65. Skill Maintenance: 7.1 # 99, 101, 103 pg. 416; 7.2 # 97, 99, pg. 421; 7.3 # 73, 75, 77 pg. 428; 7.4 # 67, 69, 71, pg. 435; 7.5 # 99, 101, 103, pg. 441 & 442; 8.1 # 75, # 77 pg. 482; 8.2 # 47, 49 pg. 489; 8.3 # 45, 47, 49 pg. 496; 8.8 # 35, 37, pg. 530 & 531; 8.9 # 39, 41 pg. 539.


67. ** Chapter Test 7 # 1 – 15 All , # 23 – 28 All, pgs. 469.

Exam # 4 covers Assignments # 41 - 67. Don't forget to turn in your exam corrections for exam # 3 when you take your exam. Don' forget to study the old exams in the Library. Turn in homework assignments # 59 - 67 on exam day.

**Graphing.**
68. Graphs: 2.1 # 1, 3, 7, 9, 11, 13, 15, 17, 19, 25, 27, 31, 33, 35, 37, 39, 41, 43, 45, 49, 51, 67, pgs. 76 & 77.
69. Functions: 2.2 # 1, 3, 5, 7, 9, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, pgs. 87 & 88.
71. Another Look at Linear Graphs: 2.4 # 1, 3, 5, 9, 11, 15, 17, 19, 21, 25, 29, 31, 33, 37, 39, pgs. 115 & 116.
72. Other Equations of Lines 2. 5 # 1, 3, 5, 9, 11, 13, 15, 17, 19, 21, 25, 27, 31, 33, 45, 47, 49, 51, 53, 57, 59, 61, 63, 65, 67, 71, 73, pgs. 122 – 124.
74. Pythagorean Theorem: 7.7 # 1, 3, 5, 7, 9, 11, pg. 455.

Solving Systems of Linear Equations

75. Systems of Equations in Two Variables: 3.1 # 1, 3, 5, 7, 9, 11, 13, 17, 19, 21, 25, 27 pg. 148.
76. The Substitution & Elimination Methods: 3.2 # 1, 3, 7, 9, 13, 15, 17, 19, 25, 27, 37, 39, 41, 43, 47, pgs. 157 & 158.
78. ** Chapter Test 2: # 1, 2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, pg. 138.
79. ** Review Exercises # 1, 3, 5, 7, 9, 11, 13, 15, pg. 659.
80. ** Chapter Test 10: # 1, 2, 3, 4, 5, 6, pg. 660.

You will have two exams to take on final exam day. These exams will be combined into one exam.

One part of the exam is the post test which covers any thing you have studied in this course. It will be a multiple-choice exam made out in Brenham. You will have to show all work to get credit for any problem on it that you work. I will grade the work you show on the exam paper. Study the Review Packet for the PostTest in you packet and all old exams in the library. You will need a scantron to take the post test. Be sure to bring one to class the day of the final exam; but remember I will not be grading the scantron. I will be
grading the work you show on the exam paper. The scantron is graded and sent to Brenham. You must show all work on your exam.

The second part of the exam will have many questions on graphing assignments # 68 - 80 and questions similar to questions on your last exam from assignments # 41 - 67. Be sure you learn the objectives listed in your packet for the graphing test. There is also a page of formulas in your packet that you need to memorize page 7 - 2. Keep the formulas on page 7 - 3, they are to be used in College Algebra.

Your last section of homework is due the day of your final. Please do not forget to bring it to class on final exam day. Include homework assignments # 68 - 80 in your homework.

I will also pick up your packet and give you a grade on the work you have done in the packet. Please be sure you remember to bring your packet to class on the final exam day and have it organized. I will be looking specifically to see if you have finished all the review sections for your final exam.