Assignment Sheet for the Textbook for Intermediate Algebra

TO GET CREDIT FOR YOU HOMEWORK YOU MUST DO IT ON LINE:

MathXL is your on-line homework. It is required that you do it.

A. You will have to purchase a license to use it. The cheapest way to purchase it is on-line. This course has a section number you must use to access the on-line service for this class. You must be sure you sign in using the correct textbook name when you sign up so look at your book to make sure you have chosen the correct textbook title.

B. The on-line homework follows the same order as the textbook assignments on your textbook assignment sheet. You should follow the start date on the textbook assignment sheet to let you know what you should be working on. You can find the due date on-line for each assignment.

C. I gave you a little time on each assignment so you should be able to complete all your assignments. You will need to work according to what it says for the start date on the textbook assignment sheet so that you will have time to finish each assignment, check the due date on-line.

D. Since the on-line practices exercises are required, you will be given a grade for your on-line homework so you must do it if you expect to pass the class. Each MathXL assignment is worth 100 points and the computer grades it for you so you will know how many points you will receive for each assignment.

Your MathXL cumulative grade will be approximately the same as one exam grade so to pass this class you must do your MathXL homework.

E. You will find explanations on line which will really help you with your on-line homework. You can get help with each problem as you work though the assignment. You should work on each problem until you get the correct answer. Hopefully, you will know what to do from class to do the practice exercises on line. If you do not know what you are doing, go to tutoring in L245, the learning center, or see me during my office hours for help. Do Not WAIT until it is too late to get help – GO IMMEDIATELY FOR HELP!
F. You will be given and opportunity to have several attempts to get each problem right on-line. You will get a score for your homework which will show up in my on-line grade book for MathXL. I will then give you a score on the homework line of your grade tally sheet.

G. **On-line homework is the same as the textbook work.** You have several days to work on the assignments, but you must be sure you have completed them by the due date.

H. Most textbook work is extra credit. You do not have to do it because it is the same as the on-line homework, but if you do textbook work I will give you extra credit for doing it. All textbook work will be due on exam day.

I. After the exam is over you can still get back into the on-line homework for help and extra explanation; however, will not be able to get back into that section of HW to complete it. So you must have it completed before the due date.

J. Do you have to do every textbook assignment? No! Most of them are extra credit.

K. Do you have to do every on-line MathXL assignment? Yes!

L. Can you pass the class without doing the on-line homework? NO!!!!!

M. Can you pass the course without purchasing a textbook? Probably.

N. Do I recommend you get a book and a solution manual? Yes, I would suggest you buy them and use them.

O. When is online homework due? Check the online schedule.

P. Can you turn in on-line homework late? No! It is due when it is due. No excuses!

Q. When is textbook homework due? On exam day.

Assignments on this sheet that have ^^ on them are required and you must do them.
or lose credit for not doing them. The scores for these will be recorded on the Homework line for each exam. I will record you MathXL grade on the same line.

TO GET CREDIT FOR YOUR TEXT BOOK 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 assignments together in the order they appear on this sheet, properly labeling each assignment in the top right corner.

C. Turn your textbook work in on the day you take your exam. You must put this assignment sheet on the top of all textbook work and you must highlight each textbook assignment that you complete on this 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 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 5 points extra credit for each completed and corrected regular homework assignment with a * on it.** Record that score on the extra credit line on your grade tally sheet.

H. **Give yourself 10 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 as a combined score.**

I. **You must show all work to get credit for extra credit assignments.** Review
Exercises & 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. If you are doing textbook work, I have assigned a large number of problems on each assignment. You may select a few of the problems to do from each assignment. You do not have to do them all. The easy ones are the beginning of the assignment and the more difficult ones are at the end. You will need to look at each assignment and see which ones you want to work on, if you need extra practice pick a variety of them. The purpose of this is to help you. Do not copy the answers and expect to get credit for them. You will be expected to show your work on textbook work that you turn in for extra credit.

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. The Chapter Reviews and the Chapter Tests from the book are great for showing you what you know and what you do not know to help you to do better on the exam. My suggestion to you is to always do them! There are no chapter tests of chapter reviews on line.

If you have problems:

A. My office phone number is: 979-209-7396; but, please do not leave me messages unless you absolutely have no other choice – Please send me an e-mail. I will try to answer it as soon as possible. My e-mail address is: “judybwagner@hotmail.com” I check it daily.
B. My Office is in the Library Building L221.

C. Be sure to re-work and study your daily pop tests and old exams in the Library to help you to study for your exams and do your on-line homework. Basic Concepts; Real Numbers and Expressions: General Review; Properties of Real Numbers; Using Laws of Exponents; Adding, Subtracting, Multiplying, and Dividing Polynomials.

1. ** Telephone 5 people in class and find out 2 interesting things about each person and write it down. Try to find out something about each person as to how you can help each other in this class.

2. *1.1 Read and look over Sets and the Structure of Algebra. pg. 2 – 8


4. *1.3 Exponents, Roots and Order of Operations pg. 31 # 7, 9, 11, 13, 15, 17, 19, 23, 27, 31, 33 answer is ±5i, 35, 39, 45 answer is 6i, 51, 53, 55, 57, 59, 67, 69, 71.

5. *Read and Study Chapter 1 Summary pg. 46 – 49.


7. ** Chapter 1 Practice Test # 1 – 19 all, 22, 23, 24.


10. *8.7 Imaginary Numbers pg. 604 # 7, 8, 9, 10.


17. ** Chapter 5 Review Exercises pg. 375 – 378 # 1, 3, 5, 11, 12, 13, 14, 19,
18. **Chapter 5 Practice Test pg. 380 –381 # 1 – 6 all, 12 – 17 all, 21, 22, 23.

FACTORING POLYNOMIALS

AS A WORD TO THE WISE: FACTORING IS THE KEY TO PASSING THIS COURSE! YOU MUST DO THE FACTORING EXERCISES TO PASS. IF YOU ARE HAVING TROUBLE FACTORING, PLEASE SEE ME IN MY OFFICE OR GO THE THE TUTORING ROOM L245 IMMEDIATELY FOR HELP.

24. **Chapter 6 Practice Test # 1 – 14 all.
25. ** Chapter 1 – 6 Cumulative Review Exercises pg. 443 – 444 # 13 – 28 all.

Exam # 1 covers assignments # 1 – 25 on this assignment sheet. Remember your textbook and on-line homework assignments are due on the day you take your exam. I will record your packet grades and textbook assignment grade while you take your exam. I will get your on-line grade the day you take your exam. Your work must be turned in at the beginning of class. Please have all work 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 packet work and textbook 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. They are due NOW. So get them done ASAP!!!! You will have word problems frequently this semester.

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


27. *7.2 Adding and Subtracting Rational Expressions pg. 472 – 475 # 7, 13, 15, 17, 19, 21, 23, 39, 43, 45, 49, 57, 61, 63, 71, 75, 77, 81, 83, 85.


29. *2.1 Linear Equations and Formulas pg. 64 – 65 # 7, 11, 13, 15, 19, 29, 33, 35, 41, 43, 49 – 63 odds.

30. *2.2 Solving Problems pg. 78 – 81 # 7, 9, 11, 13, 15, 19, 23, 25, 29, 33, 37, 45, 49, 53, 55.


32. **Chapter 2 Practice Test pg. 132 # 2 – 8 all.


34. *7.5 Applications with Rational Expressions pg. 510 – 511 # 1, 7, 9, 11, 21.

Please Note: You should work on assignment # 30 & 34 from the textbook on your own using the technique for problem solving you learned from recopying the 28 problem word problem worksheet. You have a while to get these done, but you should be working on them everyday until you complete them.

35. *Read and Study Chapter 7 Summary pg. 518 – 524.

36. **Chapter 7 Review Exercises # 7 – 79 odds.

37. ** Chapter 7 Practice Test # 1 – 26 all.

38. ^^ Call someone in class, get together with them to work on your homework to help study for the exam, or go to the tutoring room L245 or L247, to the learning center, or see me for help.

Exam # 2 covers assignments # 19 – 25 on factoring (any material from these sections will be on the 2\textsuperscript{nd} exam) and all the material from assignments # 26 –
38 is on the exam. There will be no word problems (applications) on Exam # 2. Include the homework assignments # 19 - 38 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. You should include assignments # 30 and # 34 with your 2nd exam, but you will not be tested over them until the 3rd exam because they are on word problems or applications.

Working with Inequalities

39. *2.3 Solving Linear Inequalities pg. 88 – 90 # 7, 9, 11, 15, 17, 19, 21, 23, 25, 29, 31, 35.
40. *2.4 Compound inequalities pg. 102 – 105 # 23, 27, 29, 33, 41, 43, 47, 55, 57, 61, 63, 69, 75, 77, 83, 85.
42. *2.6 Inequalities Involving Absolute Value pg. 117 – 120 # 7, 9, 11, 13, 17, 21, 23, 27, 31, 37, 39, 41, 45, 47, 53, 59.
43. *Read and Study Chapter 2 Summary pg. 121 –126.
45. **Chapter 2 Practice Test pg. 132 # 9 – 16 all.
47. **Chapter 9 Review Exercises pg. 694 # 51 – 58 all.
48. **Chapter 9 Chapter Test pg. 696 # 20, 21.

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

49. *6.4 Solving Equations by Factoring pg. 427 # 7, 9, 11, 13, 15, 17, 19, 23, 29, 31, 33, 37, 39, 41, 45, 47, 49.
50. **Chapter 6 Review Exercises pg. 440 # 83 – 88 all.
51. **Chapter 6 Practice Test # 15, 16, 17.
52. ** Chapter 1 – 6 Cumulative Review Exercises pg. 444 # 29 – 36 all.
54. *9.1 Completing the Square pg. 628 – 631 # 7, 9, 11, 13, 15, 17, 21, 23, 25,
27, 31, 33, 37, 39, 43, 45, 47, 49, 75, 79, 81, 83, 85, 95, 101.
56. *Read and Study Chapter 9 Summary pg. 687 – 695.
57. **Chapter 9 Review Exercises pg. 694 # 11 – 44 all.
58. **Chapter 9 Chapter Test pg. 696 # 1 – 18 all.
59. ** Chapters 1 – 9 Cumulative Review Exercises pg. 698 – 699 # 9 – 18 all, # 23 – 34.

Exam # 3 has 2 parts. The first part is over inequalities only in assignments # 39 – 48 (pop test 6.1, 6.2, 6.3, 6.4, 6.5 – it is similar to the practice exam # 3 on pg. 4 – 14 to 4 – 15 and pg. 5- 24 in the packet) The 2nd part is over the remaining material covered in assignments # 49 - 60. (pop tests pop tests 5.1 through 5.7, 6.6, 6.7, 6.9, 4.7 through 4.10 - it is similar to the practice exam # 3 on pg. 5 – 21 through 5 – 24 in the packet). Each part will be given on different days. Homework from the textbook will be graded during the Exam over the 2nd part. Remember there will be word problems on the 2nd part of the 3rd exam.

Simplifying Radicals and Working with Complex Numbers.

61. *8.1 Radical Expressions pg. 541 - 542 # 9, 11, 17 answer is 8i, 21, 31, 33, 35, 39, 43, 45, 47, 51, 55, 73, 75, 81, 83, 87, 93, 97, 103, 105.
68.  **Chapter 8 Review Exercises pg. 613 –617 # 11 – 124 odds.
69.  ** Chapter 8 Practice Test pg. 619 # 1 – 22.

Exam # 4 covers Assignments # 61 - 69. Don't forget to turn in your exam corrections for exam # 3 when you take your exam. Don't forget to study the old exams in the Library. Turn in homework assignments # 61 - 69 on exam day.

****** You will need a graphing calculator everyday in class when be begin graphing. Please be sure that you bring yours to class.

Circles and Distance Formula

70.  ^^PLEASE NOTE: THERE IS NOT AN ON LINE PROBLEM SET FOR CIRCLES, PLEASE BE SURE YOU DO THIS ASSIGNMENT. YOU WILL HAVE TO ACCESS THE ON LINE “E” BOOK (ELECTRONIC)IF YOU DO NOT HAVE A TEXTBOOK :

11.1 Distance Formula and Circles  pg. 796 – 799 # 35, 37, 39, 43, 45, 47, 51, 55, 57, 59, 61, 63, 65, 67, 73, 75, 77, 81.

Graphing Lines.

71.  *3.1 Graphing Linear Equations pg. 144 – 147 # 9, 13, 19, 21, 35, 39, 43, 45, 53, 55, 59, 61, 63,67, 71, 73, 75.
74.  *3.5 Introduction to Functions and Function Notation pg. 200 – 202 # 17, 19, 21, 23, 25, 27, 29, 31, 33, 37, 41, 45, 47,49, 51, 53.
75.  *Read and Study Chapter 3 Summary pg. 206 – 211.
76.  **Chapter 3 Review Exercises pg. 212 – 215 # 11 – 54 all, 65 – 72 all.
77.  **Chapter 3 Practice Test pg. 217 –218 # 1 –11 all, 16, 17, 18.
78.  ** Chapter 1 - 3 Cumulative Review Exercises pg. 13 – 41 all.

Solving Systems of Linear Equations

79.  *4.1 Solving Systems of Linear Equations in Two Variables pg. 238 – 242

80. ** Chapter 4 Review Exercises: pg. 303 – 304 # 11 – 28 all.

81. ** Chapter 4 Practice Test pg 307 # 1 – 7 all,

You will have two exams to take on final exam day. These exams will both count as your final exam.

One part of the exam is the post test which covers anything you have studied in this course. It will be a multiple-choice exam made out by Blinn College. 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 your 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 # 71 - 81 and questions similar to questions on your last exam from assignments # 39 - 69. 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 # 71 - 81 in your homework.

I will give you a grade on your packet based on the work you have done in this semester. You should receive a good grade on the packet if you have been doing your work all semester. Please be sure you remember to bring your packet to class on the final exam day and have it organized in case I have a question about something you will have it with you. I will be looking specifically to see if you have finished all the review sections for your final exam – this will effect your packet grade.