

MA 15200X Exam 2 Memo
Exam 2: During Regular Class Time (6:00 – 7:00)
Tuesday, March 8th, 2011
LOCATION: Regular Classroom

Please Note: Only a TI 30-XA calculator may be used at the exam. If you bring any other calculator, you will not be allowed to use it and may have to complete the exam without a calculator. You are responsible to know how to use this calculator. Your instructor will not explain at the exam how to do any operations on the TI-30XA. You may not share a calculator with another student. (If a friend loans you his/her calculator once he/she is finished with the exam that is fine.) Your instructor may not loan calculators to students.

- 1) Exam 2 covers Appendix sections B, C, D, E, and F and sections 1.4, 1.5, 1.6, 1.7, 1.1, part of 2.8, 2.1, 2.2, and part of 2.3. This is the material covered in **lessons #12-22**
- 2) There are fifteen multiple-choice problems on the exam. The exam will be machine graded. No partial credit will be given. You will be allowed 60 minutes to take the exam.
- 3) The exam is self-explanatory. No questions will be allowed unless a student believes there is a typographical or printing error.
- 4) **Reviewing/Studying for Exam:**
The following are **appropriate review problems**. These problems are found in the textbook in the chapter review exercises at the end of chapters 1 and 2. The answers are provided at the back of the book. Answers to Appendix problems are provided at the end of this memo.
 - Page 192, Chapter 1 Review Exercises: 2, 4, 7, 48, 50, 51, 53, 54, 58, 63, 64, 66, 69, 70, 72, 74, 76, 77, 81, 84, 85, 86, 87, 88, 91, 92 (use factoring), 95, 97, 102, 103, 104, 113, 116, 117, 118, 120, 124
 - Page 304, Chapter 2 Review Exercises: 3, 6, 8, 9, 15, 17, 19, 20, 22, 26, 29, 32, 34, 41, 42, 43, 98, 100
 - Page B-13, Appendix B: 52, 56, 60, 62
 - Page C-6, Appendix C: 22, 24, 26, 28, 42
 - Page D-9, Appendix D: 34, 44, 46, 48, 52, 54
 - Page E-10, Appendix E: 34, 36, 38, 40
 - Page F-6, Appendix F: 32, 34, 38, 40, 44

There are also chapter tests at the end of each chapter. You may practice some of those problems as well. The answers are in the back of the book. To view a video of each problem in the chapter test, click on the chapter contents link in CourseCompass, select chapter 1 or 2, scroll down to the chapter test, click on it. Each problem has a video. These videos are also found on a video CD purchased with the textbook. There are no chapter tests available for the Appendix sections.

It is recommended that you re-work **all** homework problems. You could work the corresponding problems from the textbook. (See assignment sheet.) Don't forget to look at the bold print problems from the assignment list. You may also practice more problems through the study plan link in coursecompass. Problems correspond to those found in the textbook. Select a chapter, then lesson, then a problem. It is just like working a homework problem, but the score does not affect your online homework score.

To review and re-try the online problems, go to your gradebook in CourseCompass, click on the word 'review' in blue for an assignment. Once you select a problem, you may have to click on 'similar example' in order to generate a different problem.

- 5) Students need to know the **formulas** for the perimeter and area of a rectangle or square the simple interest formula, the distance formula $d = rt$, the discriminant formula, the midpoint formula, the slope formula, and slope-intercept form. The quadratic formula, the formula for distance between two points, and any other necessary formulas will be provided.
- 6) **Exams from previous semesters** are available through a link on the web page. These are good for review purposes, but not a guarantee of what will or will not be on the exam. Do not use these past exams as your only means of studying. Review homework problems and quiz problems. **You should understand that some exam problems, such as those on past exams, may be more difficult for students than the ones on the online homework. You should examine how some of these problems are written.** Note: Some past exams 1 or exams 3 may have some problems that include topics on this exam.
- 7) Students must bring a **PHOTO ID** with them to the exam, preferably your Purdue ID. It is recommended that students do not arrive late to class. The exam begins promptly and if you are late, you may not have a total of 60 minutes for the exam. A lesson will be covered during the evening, along with the exam.
- 8) No one will be allowed to leave the room for the first 20 minutes of the exam. Students arriving after 20 minutes after the exam began will be allowed to take the make-up or alternate exam. If they arrived late for a non-valid reason, a grade penalty will be applied.
- 9) Your instructor will describe where you will be seated and will assign seats.
- 10) Bring with you the following: pencils, erasers, a TI 30-XA calculator and Purdue ID. **Do not bring scratch paper. Turn your cell phone off; or better, do not bring it. Do not wear hats or tinted glasses (sunglasses).** Book bags, totes, or purses should be closed and on the floor during the exam.

- 12) A student must contact the course coordinator, Charlotte Bailey, in MATH 802 (496-3145 or baileycm@purdue.edu) IMMEDIATELY, if some emergency prevents him/her from taking the exam. You must see Charlotte in person ASAP to arrange to take the alternate exam.

REMINDER: NO books or notes are allowed on this exam.

If you have an academic conflict with the evening exam, you must let the course coordinator know no later than two business days (Friday, March 4th) before the exam takes place. If you have an emergency situation that will prevent you from attending an evening exam you must contact the course coordinator by telephone or in person (do not leave a voice mail message) no later than 2:00 PM on the day of the exam. Do send an e-mail message if you cannot contact her by phone or in person, but follow-up as soon as possible. For non-valid reasons, a make-up *may* be allowed with a grade penalty. Not knowing the right date, time, or location of an exam is NOT a valid reason for missing it.

Answers to Appendix Review Problems

Appendix B

- 52) \$2600 at 4.5%, \$11,400 at 6% 40) 2.6 hours, 3.6 hours
56) 25 L
60) 2 gallons
62) 200 ounces

Appendix F

- 32) 120 feet
34) 9 ft., 12 ft., 15 ft.
38) 1 foot
40) 26 m by 16 m
44) 9 seconds

Appendix C

- 22) 1 $\frac{3}{4}$ hours
24) 10:00 AM
26) 2 miles
28) 55 mph
42) 27, 28, 29, 30

Appendix D

- 34) 630 deer
44) 3 mph
46) 2.4 miles
48) 270 miles
52) 3 $\frac{1}{13}$ hours
54) 7 $\frac{1}{2}$ hours

Appendix E

- 34) 255 mph
36) 80 kph
38) 11.1 hours