

PENCIL/PAPER HOMEWORK LIST & TEST/EXAM DATES

The course is structured with closing dates for each test; all tests and exams may be taken early. All tests and exams are available from DAY # ONE of this course.

It is possible to complete the course early, should that be the choice of any participant.

PROFESSOR NC RESSLER SPRING SEMESTER 2012
TEACHERS' MATHEMATICS I PENCIL/PAPER HOMEWORK LIST
BILLSTEIN/LIBESKIND/LOTT (**TENTH EDITION**) PEARSON PUBLISHING

Homework will be "turned-in" to the Division 2 Office {second floor: top of the Main Stairway} at the Des Plaines Campus *OR* the Faculty Support Office {second Floor} above the Main Entrance} at the Skokie Campus *before* or *at the time* of the Mid Semester Exam (for the first one half of the semester) and May 4, 2012 *before* the Final Exam (for the second one half of the semester). Students will be provided a receipt upon submission of the Homework.

Completed Pencil/Paper Homework will contribute a full 10 points toward the transcript grade with critical steps to the solution included as shown work. It is not necessary to write the question.

The Pencil/Paper Homework is found at the end of section exercises in the e-book within our computer program and also in the hard copy text book.

The *Mid Semester score* and the *Final Exam score* will contribute 20% each towards your transcript grade; the *average of the Tests "A" & "B"* will count as 50% of the transcript grade.

If you encounter what seems especially difficult, continue and work as far as you can on the problem, *do not stop* at a problem that is overly challenging. On Campus Tutors (free of charge) can help with homework and to prepare for Tests and Exams. Additionally the publisher provides On Line (free) and Telephone (free) Help! Needless to say you must always try to do all of the problems.

Plan ahead for *stress free tests and exams* by not waiting until the last day to study, review or test! ALL Tests 'A' and 'B' and On Campus Exams may be taken earlier; it is possible to complete the course ahead of schedule. Tests and Exams will not be available after the closing dates. Within THE ANNOUNCEMENTS you will find an additional list of these test closings (deadline) dates.

Any MAKE-UP (missed) Tests and Exams are scored one grade lower;
"A" will become a "B";
"B" will become a "C"
"C" will become a "D"

PENCIL/PAPER HOMEWORK

Mathematics (128) for Teachers
FIRST ONE HALF of the SEMESTER

IF the Homework comes from another title other than the page and exercise numbers or *CHAPTER REVIEW* it will be listed as such.

CHAPTER ONE

1.1 PROBLEM SOLVING

Pg. 18 **A:** (1a, 3, 5, 9, 11, 16); **B:** (4, 5, 6)

1.2 PATTERNS

Pg. 37; **A:** (1, 3, 5, 7, 9, 13, 15, 17)

1.3 LOGIC (skip)

(covered in Mat 129 *SKIP*)

CHAPTER REVIEW

Pg. 57 (9, 12, 15, 17, 22)

CHAPTER 1, 2 & 3 Test: closing FRIDAY, FEBRUARY 10th 2012

CHAPTER TWO

2.1 EXTRA CREDIT *optional* Type Written Paper *not more than 3 informative paragraphs* discussing Numeration Systems

2.2 DESCRIBING SETS

Pg. 90 **A:** (1, 3, 5, 7, 11, 13, 15)

2.3 OPERATIONS & PROPERTIES

Pg. 101 **A:** (1, 5, 11, 13, 14, 16, 23)

CHAPTER REVIEW

Pg. 107 (1, 2, 5)

CHAPTER 1, 2 & 3 Test: closing FRIDAY, FEBRUARY 10th 2012

Chapter Tests WILL CLOSE at 10:59 Chicago Time whether or not you are working the test.

*PREPARE for the Chapter Tests by practicing the Sample (practice) Tests. These sample tests are similar to (**more challenging**) than the actual Chapter Tests.*

ALL tests may be taken earlier than the date indicated on this Homework List.

Remember by taking the Chapter Tests at the last minute you are not allowing ample time for the remaining course content! Dates are provided to help participants to remain on schedule. Anyone may complete the course early if they choose!!

CHAPTER THREE

3.1 WHOLE NUMBERS (Addition/Subtraction)

Pg. 123 **A:** (1, 3, 5, 9, 11, 13a, 15, 18)

3.2 ALGORITHMS (Addition/Subtraction)

Pg. 136 **A:** (1, 3, 5, 11, 15, 18, 20, 22) Pg. 139 **B:** (12, 13, 15)

3.3 WHOLE NUMBERS (Multiplication/Division)

Pg. 156 **A:** (1, 3, 5, 7, 9, 11, 13, 16, 18, 21, 22, 23, 28 29)

3.4 ALGORITHMS (Multiplication/Division)

Pg. 172 **A:** (1, 2, 3, 4, 5, 6, 10, 13, 15, 17, 24); **B:** (3)

3.5 MENTAL MATHEMATICS & ESTIMATION

Pg. 185 A: (1, 2, 3, 4, 8, 9, 14, 16, 18)

CHAPTER REVIEW

Pg. 190 (1, 3, 6, 8, 19, 21)

CHAPTER 1, 2 & 3 Test: closing FRIDAY, FEBRUARY 10th 2012

CHAPTER FOUR

4.1 VARIABLES

Pg. 203 A: (1, 2, 3, 4, 5, 6, 7, 9)

4.2 EQUATIONS

Pg. 218 A: (1, 2, 3, 4, 6, 9, 10)

4.3 FUNCTIONS

Pg. 235 A: (1, 2, 6, 7, 8, 11, 13, 15, 16)

CHAPTER REVIEW

Pg. 245 (7, 11, 16)

CHAPTER 4 & 5 Test: closing FRIDAY, MARCH 2nd 2012

Chapter Tests WILL CLOSE at 10:59 Chicago Time whether or not you are working the test.

Students not within driving distance to college campus MUST make advance arrangements with the Oakton Community College Alternative Education Department:

Robin Nash RNash@Oakton.Edu OR Barbara Reineking BarbaraR@Oakton.Edu

CHAPTER FIVE

5.1 INTEGERS (Addition/Subtraction)

Pg. 265 A: (1, 2, 3, 4, 5, 6, 8, 11, 14, 15, 16, 18, 19, 21, 22, 26, 28)

5.2 INTEGERS (Multiplication/Division)

Pg. 280 A: (1, 2, 3, 4, 5, 6, 7, 12, 13, 15, 17)

5.3 DIVISIBILITY

Pg. 295 A: (1, 2, 4, 7, 13, 14)

5.4 NUMBERS (Prime/Composite)

Pg. 311 A: (1, 2, 3, 4, 5, 9, 10, 13, 14, 18, 20)

5.5 GCD & LCM

Pg. 325 A: (1, 3, 7, 15, 17)

5.6 CLOCK/MODULAR ARITHMETIC (skip)

(covered in Mat 129 *SKIP*)

CHAPTER REVIEW

Pg. 337 (5, 6, 7, 9, 11, 19, 20)

CHAPTER 4 & 5 Test: closing FRIDAY, MARCH 2nd 2012

Last day to withdraw with “W” from 16 week courses: March 11th

Last day to drop with no record of course: February 12th

Remember:

Submit Pencil/Paper Homework for the first one half of the Semester {Division TWO Office at Des Plaines (2nd floor immediately above the Main Stairway) OR Faculty Support at Skokie (2nd floor, above the Main Entrance)! See immediately below to federally mail.

Federal Mailing: *please allow time for transit and delivery*

**Prof N Ressler/Division TWO
Oakton Community College
1600 East Golf Road
Des Plaines, Illinois 60016**

The Mid Term Exam tests *only* on material covered in the first one half of the course! Any date, any time the Testing Center is available for you (CALL AHEAD)

On Campus @ Des Plaines Testing Center or Skokie Testing Center

OUT of Area Participants, please contact:

Robin Nash RNash@Oakton.Edu OR Barbara Rheinking BarbaraR@Oakton.Edu

MID-SEMESTER EXAM

PRIOR TO: FRIDAY, MARCH 9th, 2012

(EXAM Completion Deadline BEFORE 12:00 NOON)

On Campus, remember to bring a *photo ID*, a *calculator* and a *note card* (both sides)

The format of the exam is the same as the computer tests.

The Exam Proctor (on campus) will have the pass word.

You will know your score immediately!

SECOND ONE HALF of the SEMESTER

CHAPTER SIX

6.1 RATIONAL NUMBERS

Pg. 359 B: (1, 2, 4, 6, 7, 12, 13, 14, 115, 20, 21, 25, 26)

6.2 RATIONAL NUMBERS (Addition/Subtraction and Estimation)

Pg. 375 A: (1, 2, 3, 4, 6, 8, 10, 11, 12, 13)

6.3 RATIONAL NUMBERS (Multiplication/Division)

Pg. 399 A: (1, 2, 4, 5, 7, 8, 12, 14, 15, 16, 19, 21, 22)

CHAPTER REVIEW

Pg. 406 (1, 3, 5, 9, 15, 21)

CHAPTER 6, 7 & 8 Test: *closing* THURSDAY, APRIL 12th 2012

Chapter Tests WILL CLOSE at 10:59 Chicago Time whether or not you are working the test.

CHAPTER SEVEN

7.1 INTRODUCTION to DECIMALS

Pg. 418 A: (1, 2, 3, 4, 5, 6, 7, 11, 12)

7.2 OPERATIONS on DECIMALS

Pg. 433 A: (1, 2, 3, 4, 5, 6, 14, 15, 16)

7.3 NONTERMINATING DECIMALS

Pg. 447 A: (2, 3, 4, 9, 12, 17, 18, 19)

7.4 REAL NUMBERS

Pg. 456 A: (1, 2, 3, 4, 5, 13, 14, 16, 17)

7.5 USING REAL NUMBERS in EQUATIONS

Pg 470 A: (1, 2, 6, 7)

CHAPTER REVIEW

Pg. 473 (1, 3, 4, 7, 11, 15)

CHAPTER 6, 7 & 8 Test: closing THURSDAY, APRIL 12th 2012

CHAPTER EIGHT

8.1 RATIOS, PROPORTIONS and PROPORTIONAL REASONING

Pg. 485 A: (1, 2, 4, 5, 6, 7, 8, 17, 22)

8.2 DECIMALS/PERCENTS

Pg. 500 A: (1, 2, 3, 5, 6, 7, 8, 9, 10, 18, 19)

8.3 COMPUTING INTEREST

Pg. 509 A: (1, 2, 3, 4, 8)

CHAPTER REVIEW

Pg. 512 (1, 2, 3, 8)

CHAPTER 6, 7 & 8 Test: closing THURSDAY, APRIL 12th 2012

CHAPTER NINE

9.1 HOW PROBABILITIES ARE DETERMINED

Pg. 528 A: (1, 2, 3, 4, 5, 7)

9.2 MULTISTAGE EXPERIMENTS with TREE DIAGRAMS/GEOMETRIC PROBABILITIES

Pg. 549 A: (1, 2, 3, 4, 5, 6, 9, 10, 16)

9.3 USING SIMULATIONS in PROBABILITY

Pg. 561 A: (1, 2, 3, 6, 7, 8)

9.4 CONDITIONAL PROBABILITY/ODDS/EXPECTED VALUE

Pg. 572 A: (1, 2, 3, 5, 6, 8, 10, 11, 12, 13, 14, 16)

9.5 PERMUTATIONS

Pg. 584 A: (1, 2, 4, 5, 11, 14, 17)

Practice the On Line Homework (only the pencil/paper homework counts for your transcript grade)

CHAPTER 9 & 10 Test: closing FRIDAY, MAY 4th 2012

CHAPTER TEN

10.1 DISPLAYING DATA PART I

Pg. 608 A: (1, 2, 3, 4, 7, 10, 11, 14, 16, 17)

10.2 DISPLAYING DATA PART 2

Pg. 624 A: (1, 2, 3, 5, 6)

10.3 MEASURES of CENTRAL TENDENCY and VARIATION

Pg. 651 A: (1, 3, 4, 10, 11, 13, 14, 15, 16, 17, 20)

10.4 ABUSES of STATISTICS

Pg. 665 A: (3, 5, 10, 13, 14, 15)

CHAPTER REVIEW

Pg. 672 (1, 2, 3, 4, 5, 6, 14)

CHAPTER 9 & 10 Test: closing FRIDAY, MAY 4th 2012

Chapter Tests WILL CLOSE at 10:59 Chicago Time whether or not you are working the test.

FINAL EXAM: On Campus @ Des Plaines Testing Center or Skokie Testing Center

Any date, any time the Testing Center is available for you (CALL AHEAD)

FRIDAY, MAY 11th, 2012 (EXAM Completion Deadline: 12:00 NOON)

Remember to bring a *photo ID*, a *calculator* and a *note card* (both sides)

Distance students must allow additional time for mailing the Pencil/Paper Homework;

“check” for wireless access at the proctoring site. No flexibility for late *Pencil/Paper Homework for the second one half of the Semester!*

The Final Exam tests *only* on material covered in the second one half of the course!

The format of the exam is the same as the computer tests. The Exam Proctor (on campus or at the arranged testing site) will have the pass word.

AND YOUR REWARD?

Yup, you are ready for the **sequential course**, Mathematics 129 0C1 – no additional text or e-book --- you are exactly where you should be!!!

Please, after college registering for Mathematics 129 0C1, notify me, in order that I can make certain you will **not be again charged** for use of our course computer program in Mathematics 129.

REMEMBER:

In order for me to score your Pencil/Paper Homework, Compute your Transcript grade and **submit your grades to the registrar** *you must have course completion earlier or at latest according to the schedule above!* My office is at the Des Plaines Campus, the Pencil/Paper Homework is brought via courier from the Skokie Campus the NEXT DAY after your submission. Please do not miss out on additional points for your transcript grade.