Math 137   Assignment Sheet   Fall 2008
Text: Mathematics For Elementary Teachers, 7ᵗʰ ed by Bennett and Nelson, McGraw Hill (2007)

Lesson   Section   Assignments

   1   1.1   p 3: problem opener; p 13: 4,12,26 (Write detailed explanations for all.)
                        (Pattern block pieces – L#2)
   2   1.1/1.2   p 14: 6,10,11,21,22,28;   p 33: 31,45,48 (Color tile pieces – L#3)
   3   1.2   p 30: 2,4,5,8,9,16,17,26,27,46,52 (Attribute pieces and material cards
                                          1,2,3 – L#4)
   4   2.1   activity book p 24: 5,6,7
   5   2.1   p 73: 9,10,11ab,12ac,13,14,15a,16b,37,38 (Attribute pieces - L#6)
   6   2.1   p 73: 11c,12b,15b,16a,17-28
   7   2.1/3.2   p 74: 31-34; p 161: 43,45; p 162: 6
   8   3.1   p 138: 3,4,5,15,16,17,18; p 141: 6 (write two questions) (Base five pieces - L#9)
   9   3.1   p 124: math activity #1-4; p 138: 7-12
  10   3.1   p 138: 13,14,28acd,29bcd, 37 using 26-35 (Base five pieces - L#11.)
  11   3.1   p 139: 20-27,38,40,42 (Base five pieces – L#12.)

                 Exam 1 Tuesday, September 23, 2008 at 6:30 PM in CL50

  12   3.2   supplemental assignment #12 from web
  13   3.2   p 158: 3-6; p 210: 5 (be sure to make sketches of pieces)

                 No class on Wednesday, October 1, 2008

  14   3.2   p 158: 7,8,13,14,20,22,50
  15   3.2   p 158: 10,11,15,16,23,24,25,26,48 (Change #48 to be: demonstrate how to get
                            each number from 8 to 28 using the "neighbor numbers" around the circle.)
                        (Base five pieces – L#16.)
  16   3.3   p 163: math activity #4; p 180: 5bcd,6 (Base ten pieces – L#17)
  17   3.3   supplemental assignment #17 from web (Base ten pieces – L#18)
  18   3.3   p 181: 10,11a,12b,14,18-23,52,55,56 (Base ten pieces – L#19)
  19   3.4   p 203: 1-6,19,20,58,60 (Base ten pieces – L#20)
  20   3.4   p 203: 7,8,10,13,59

                 Exam 2 Thursday October 23, 2008 at 6:30 PM in LILY 1105

  21   3.4   p 203: 11,12,14-18,25,26 (Note that these problems ask for a whole
                            number remainder.),52
  22   3.4   p 205: 33,34,37,38,57, p 208: 3(change this to 32/5) (Color tiles – L#23)
  23   4.1   p 229: 3-7,11,12,23,24,30,40 (In #23,24, try to verify or disprove the
                            statements by using various examples and/or by reasoning with the definition
                            of "divides.")
  24   4.1   p 230: 13-20,25-28,31,32abc,33,34,36,43 (For #43, do not do parts *a* and
                            b, simply explain how you know whether the given numbers are not prime
                            without doing any computations.)
  25   4.2   p 248: 1-9, 23, Fraction Essay
  26   4.2   p 248: 10-15,20,24,25,27,28
  27   5.1   In groups, create a game or activity using the addition and subtraction of
                            positive and negative integers.   (Red and black tiles – L#28)
  28   5.1   p 276: 1-4,7,8,11,16,17,18,20,21,22,23,35-40,42,49
  29   5.2   p 303: 3,4,9,10,29,30,39,42,44 (Fraction bars – L#30)

                 Exam 3 Tuesday, November 18, 2008 at 6:30 PM in CL50

30   5.2   p 303: 5*,6*,11-18,25-28,41,50,51   *description is not necessary
31   5.2   p 305: 19-24,31-34,46-48
32   5.3   p 329: 5ab,6ad,13abefi,14adeh,17ab,24bd,36,38,39
33   5.3   p 329: 5def,6be,7,8,14gi,17c,18c,24ac,35,37
34   5.3   p 329: 5c,6cf,13h,14bcf,18d,40,43,52 (Fraction bars – L#35)
35   5.3   p 332: 48,49,51,53,54; p 310: problem opener

Purdue web page: www.math.purdue.edu/MA137
textbook web page: www.mhhe.com/bennett-nelson

MA 137   MATHEMATICS FOR ELEMENTARY EDUCATION I   Fall 2008

Coordinator: Renee Roames   MATH 808   ph: 494-1929   email: rroames@purdue.edu

Textbooks: Bennett and Nelson: *Mathematics for Elementary Teachers: A Conceptual Approach,* 7th edition;
Bennett, Nelson: *Mathematics for Elementary Teachers: An Activity Approach,* 7th edition; and the
Manipulative Kit that is sold with the books. Bring your textbook and ACTIVITY BOOK PAGES TO CLASS
DAILY. Bring your manipulative kit sets as needed.

Calculators: NO CALCULATORS ARE ALLOWED ON QUIZZES AND EXAMS.

Grading: Grades will be based on three evening exams (100 points each), quizzes (100 points), homework (50
points), and a comprehensive final exam (150 points). 360 of the 600 points (60%) is the lowest passing grade.

Exams: The three exam dates are Tuesday, Sept 23rd at 6:30 in CL50; Thursday, Oct 23rd at 6:30 in LILY
1105; and Tuesday, Nov 18th at 6:30 in CL50. Put these dates on your calendar. Make-up exams will be given
only if you have a valid excuse *with documentation* and the course coordinator has been notified prior to the
exam. If you are unable to notify the coordinator prior to the exam, *a valid explanation with documentation for
the missed exam must be provided*. Unexcused absence from an exam will result in a grade penalty.

Homework: Homework is collected every day except possibly before exams. Neither early nor late homework
will be accepted. Homework should be done neatly and with care, all steps must be shown, and multiple pages
should be stapled. Correct answers without work or with incorrect work may not receive credit. The four
lowest homework scores will be dropped at the end of the semester.

Quizzes: A quiz will be given frequently. No make-up quizzes will be given, and quizzes will not be given
early. The four lowest quiz scores will be dropped at the end of the semester.

Important Dates:
Last day to drop a course without it appearing on your record: Monday, September 8, 2008
Last day to drop a course: Tuesday, October 28, 2008

Attendance: Students are expected to attend every class meeting, and attendance will be recorded daily.
Instructors, at their own discretion, may refuse to grade the homework or a quiz if you are absent for part of a
class period.

FOR STUDENTS CERTIFIED BY ODOS ADAPTIVE PROGRAMS:
Students who have been certified by the Office of the Dean of Students-Adaptive Programs as eligible for
academic adjustments should go to MATH 242 with a copy of their certification letter and request an
Information Sheet for *this* semester, which explains how to proceed this semester to get these adjustments made
in Mathematics courses. It is not the same as last semester. **This should be done during the first week of
classes.** Only students who have been certified by the ODOS-Adaptive Programs and who have requested
ODOS to send their certification letter to their instructor are eligible for academic adjustments.
Students who are currently undergoing an evaluation process to determine whether they are eligible for
academic adjustments are encouraged to find out **now** what procedures they will have to follow when they are
certified, by requesting the above mentioned Information Sheet from MATH 242.

Large print copies of the *Information Sheet* are available from MATH 242 upon request.