EXAM ONE REVIEW
Math 394, Spring Term 2010

WHEN
Wednesday, May 5

TOPICS
• Six problem solving strategies from Chapter 1
• Brief problem solving using two and three dimensional shapes
• Polygons
  o Vocabulary
  o Recognizing shapes
  o Finding vertex measure (deriving formula)
  o Sketching regular polygons
• Symmetry
  o Creating symmetrical figures
  o Reflective, lines of symmetry
  o Angles of rotational symmetry
• Angles
  o Vocabulary
  o Find measures of angles in figures
• Polyhedra
  o Vocabulary
  o Identify polyhedra from nets
  o Platonic solids; identifying and names (spelling counts)
  o Euler’s formula

WHAT TO STUDY
• Review vocabulary associated with sections 1.1 – 2.4
• Review all assigned homework for sections 1.1 – 2.4
• Review all class work for sections 1.1 – 2.4 including worksheets from the Geometric Structures book (Activities 1.9, 1.10, 1.1, 1.17 – 1.20, 2.22, 2.23, 2.5-1 and 2.6) and 2.2 Overlapping Squares, 2.3 Constructing Your Own Knowledge, 2.3 Polyhedra Models)
• Review and read sections 1.1 – 2.4
• Do the problems in the Chapter 2 Review (p. 95 – 98) and do problems 1 – 16 and 20 in the Chapter 2 Test (p. 99 – 101)

TOOLS TO BRING
• You can bring your calculator
• Protractor, Ruler
• One 3 inch by 5 inch card of notes using both sides