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
 - Vocabulary
 - Recognizing shapes
 - Finding vertex measure (deriving formula)
 - Sketching regular polygons
- Symmetry
 - Creating symmetrical figures
 - o Reflective, lines of symmetry
 - Angles of rotational symmetry
- Angles
- Vocabulary
- Find measures of angles in figures
- Polyhedra
 - Vocabulary
 - Identify polyhedra from nets
 - 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