I. Strategy for Solving Word Problems

**Word Problem Guidelines #1**
1. Identify/record the unknown(s).
2. Assign a variable (expression for each unknown*).
3. Identify/record the knowns (given info); use phrases, pictures, diagrams, tables, etc.
4. Determine a relation (*e.g.*, an equation) between the unknown & known quantities.
5. Solve and use the solution to answer the original problem (see step 1)...

*If there are two (or more) unknowns to be solved for, then assign a variable to one and write any others with expressions involving that variable (*i.e.*, by how they relate to the named unknown)...

II. Examples (pp.128-129): Exercises #40,50

III. **Supplemental Problems**: Exercises #40,54

HW: pp.136-137: Exercises #37,43,45,47,53

**Supplemental Problems** #39-53(odd)
I. Geometry of Angles (pp.138-139):
    complementary vs supplementary — see Fig.5
    sum of angles in a triangle = ______°

II. Examples (p.145): Exercises #16,20

HW: p.145: Exercises #13-19(odd)
    Read pp.138-144 (section 2.7)