I. Word Problem Guidelines #2: (see website link)

1. Identify/record the unknown(s).

2. Assign a *different* variable for each unknown.

3. Identify/record the knowns (given info); using phrases, pictures, diagrams, tables, etc.

4. Determine a “*system of equations*” (*i.e.*, “2 equations in 2 variables” — in this particular course) between the unknown and known quantities.

5. Solve and use the solution(s) to answer the original problem (see step 1)...

II. Examples (p.300-302): Problems #8,12,24
III. Mixtures: keep track of the key ingredient...

1. see Class Notes for 09/11/2018 (Lesson 10, page 3)
2. Example (p.301): Problem #18

HW: pp.300-303 / Problems #1-11(odd),17,19,23,27,29,33-51(odd)
Read pp.311-315 (section 5.1)