I. Linear Equation in One Variable:
   A. Standard form
      \[ ax + b = c \]
   B. May +, −, ×, ÷ both sides of the equation by the same quantity (i.e., performing the same operation to each side gives an equivalent equation)...
I. Word Problem Guidelines:  

5 step procedure

1. Identify/record the unknown(s).
2. Assign a variable (expression for each unknown*).
3. Identify/record the knowns (given info); using phrases, pictures, diagrams, tables, etc.
4. Determine a relationship (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 (p.70): Exercises #42

HW: p.70 / Exercises #41
Read pp.58-69 (section 1.2)