Problem Solving Tool Box

- Draw a diagram or picture.
- Act the problem out, step by step.
- Make a systematic list, chart, or table.
- Look for a pattern.
- Simplify the problem.
  (Try it with smaller numbers.)
- Restate the problem in another way, or look for a related problem.
- Think about “Before” and “After” situations.
- Work backwards.
- Guess and check.
  (Try something and see if it works.)