PROBLEM SOLVING PROCEDURE

UNDERSTAND the problem:
• Read the task and underline important information.
• Underline the question.
• Write an “I have to...,” “I need to...,” “The question is...,” sentence.

THINK of your plan:
• Consider possible strategies.
• Choose the strategy you want to use.
• Write an “I will...,” “My strategy is...,” “My plan is...,” sentence.

SOLVE the problem:
• Use your strategy to solve the problem.
• Show your answer.

REVIEW your solution (all your work including your answer):
• Did you show your thinking?
• Did you state an answer(s)?
• Did you use at least 2 terms and/or math symbols?
• Did you make an accurate representation?

MAKE a connection (some examples include):
• Make an observation(s).
• Find a pattern(s).
• Recreate or continue the problem.
• Use a different strategy to solve the problem.
• State a phenomenon, (something that is always true).
• Discover a rule.