

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.