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PROBLEM SOLVING TECHNIQUES

Problem Solving Stages





Problem Solving Strategies

Definition of a problem:

To truly be a problem, a mathematical quest must contain some effort or thought on the part of the solver.

As teachers, we must remember that: a difficult problem for some students may not be for others.

Good problems include modifications that may be made for students with varying abilities.



The Seven Steps to Solving Problems

- #1 Identify the Issues.
- #2 Understand everyone's interests.
- #3 List the possible solutions (options).
- #4 Evaluate the options.
- #5 Select an option or options.
- #6 Document the agreement.
- #7 Agree on contingencies, monitoring, and evaluation.

Thank you