

Objective

By the end of this lesson, you will be able to interpret mathematical or real-life situations and systematically apply appropriate strategies to solve problems.

Materials and Prep

- Pen and paper
- Calculator (optional)
- No prior knowledge needed

Activities

- **Real-Life Math Problems:** Choose a real-life scenario (e.g., planning a party, budgeting for a trip) and create mathematical problems based on it. Solve the problems systematically.
- **Mathematical Puzzles:** Solve mathematical puzzles like Sudoku, logic puzzles, or brainteasers that require systematic thinking and applying appropriate strategies.
- **Math Strategy Games:** Play strategy-based math games like 24 Game or Math Dice to practice applying different strategies to solve problems.

Talking Points

- *"When faced with a math problem, it's important to first understand the situation before jumping into solving it."*
- *"Systematic thinking involves breaking down a problem into smaller, manageable parts to find the solution step by step."*
- *"Applying appropriate strategies means choosing the most effective method to solve a particular type of problem."*