

# Math Problem Solving Guidelines

## The Super 7

### 1. Identify The Question

- Underline
- Highlight
- Restate

### 2. Identify The Important Information

- Underline
- Highlight
- Circle
- “We Know. . .” Statement

### 3. Organize Your Thinking and Make A Plan

- “I am going to. . .”

### 4. Choose and Create a Representation Using Labels and Keys

- Diagram
- Chart
- Graph
- Plot
- Table
- Model

### 5. Solve The Problem

- Show your work
- Highlight or circle your answer
- Solve it in more than one way
- Check for mistakes

### 6. Check Math Language

### 7. Make Connections

- “I notice. . .” statements – Must be relevant!
- Patterns
- It is like \_\_\_\_\_ because \_\_\_\_\_
- Equations/Rules
- Verify Your Solution