# LCISD Problem Solving

## Steps

1. Read the entire problem.

2. **Rewrite** the question as a statement (leaving a blank where the answer will go).

3. **Who** or **what** is the problem about (label for the answer)?

4. **Draw** your model.

5. **Solve** your equation(s).

6. Check and fill in your answer.

## Strategies

1. **Draw a Picture**

2. **Make a Model**

3. **Make a List**

4. **Make a Chart or Table**

5. **Look for a Pattern**

6. **Act it Out**

7. **Work Backwards**

8. **Guess and Check**

9. **Use Logical Reasoning**

10. **Find a Pattern or Rule**

11. **Write a Number Sentence**

12. **Write an Equation**

13. **Use Objects**

14. **Simplify the Problem**

15. **Estimate**

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**Example:**

There were 5 baboons in a troop. 8 more baboons joined them. How many baboons are now in the troop?

- **Model:**
  - [Diagram of a box with dots indicating baboons]

- **Equations:**

- **Statement:**
  - There are _____ baboons now in the troop.