

## Problem-Solving Techniques

To solve problems in Geometry, you need to apply the formulas and theorems that you have learned. Here are some problem-solving techniques that can help you solve Geometry problems more effectively:

- ✚ Draw a Diagram: Drawing a diagram of the problem can help you visualize the problem and understand it better. It can also help you to identify the given information and the unknowns.
- ✚ Identify the Given Information: To solve a problem, you need to know what information you are given. Identify the given information and write it down.
- ✚ Identify the Unknowns: Identify what you need to find out and write it down.
- ✚ Choose the Right Formula: Once you have identified the given information and the unknowns, choose the formula that is appropriate for the problem.
- ✚ Substitute the Values: Substitute the given values into the formula and simplify the expression.
- ✚ Solve for the Unknown: Solve the equation to find the value of the unknown.
- ✚ Check Your Answer: Always check your answer to make sure it makes sense and that you have answered the question asked.

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