



# FAQS (FREQUENTLY ASKED QUESTIONS)

- ❖ **When and for how long will my child meet for CML?** *We will be meeting once a week for the first 2 weeks of October and the first week of November and about once monthly after that. Each session will last from an hour fifteen to an hour and a half. Teachers are asked to modify or eliminate the classroom work missed while in CML.*
- ❖ **Will CML homework or test scores affect their report card?** *No, the students will receive a separate CML progress report card at the end of the year. Each problem will be given 3 points – 1 for underlining important info, 1 for showing their work and 1 for the correct answer.*
- ❖ **How much help should I give my child with their homework?** *The goal is to have the students not only get the correct answer, but more importantly, be able to explain how they did it and what strategy they used.*
- ❖ **How will my child know if they have the correct answer?** *We will correct each homework sheet in class and discuss a variety of strategies used to solve the problem.*
- ❖ **What is a CML meet?** *It is a national academic competition. The students are given 30 minutes to solve 6 very challenging problems with no help from the teacher. Winners will be recognized in the spring. There are 5 meets for grades 4-6 and 2 meets for grades 2 and 3.*
- ❖ **What will the meet problems be like?** *This is a sample **Grade 3** problem: On Monday, May 2, after 10 hours and 43 minutes of darkness, the sun rose at 6:10 A.M. At what time did the sun set on Sunday, May 1?*
- ❖ **How can I best help my child?** *Encourage your student to learn and use the steps and strategies listed below. The majority of the questions can be answered by using them. Our goal is to grow the students problem-solving bag of tricks by discussing how each student solved a specific problem.*



## 1. FIND OUT

what the problem means and what question you must answer to solve it. You should understand the problem well enough to say it in your own words. **Underline the question to be answered.**



## 2. CHOOSE A STRATEGY

that will help solve the problem. You will often find there is more than one strategy that can be used. The idea, however, is to find the strategy or strategies that will help you the **most with this problem.**



## 3. SOLVE IT.

Work through the problem until you find the answer to the question, using the strategy you selected. As you work to find the answer, you may find that the strategy you selected is not as helpful as you thought. Then, you will want to try a different strategy. Be sure to **label your answer.**

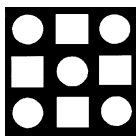


## 4. LOOK BACK.

Reread the problem and check the solution to see that it solves the problem and that it answers the question. Review your solution and ask yourself if it's **logical and reasonable.**



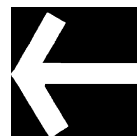
Act it out



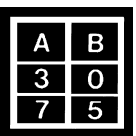
Find a pattern



Make a diagram



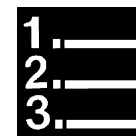
Work backwards



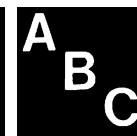
Make a table



Logical reasoning



Organized list



Make it simpler



Guess & check



Brainstorm