



CNML Math League 美国数学大联盟系统使用介绍

登录的网站是: <https://online.mathleague.com>

1. 在这里输入用户名和密码: (已经通过邮件发送给各位家长邮箱)

The screenshot shows the homepage of the Math League Adaptive Learning System. At the top left is the Math League logo. The main header reads "Math League Adaptive Learning System" in blue text, accompanied by a colorful illustration of children and mathematical symbols. Below the header, the "Account Login" section is highlighted with a red circle. It contains fields for "User Email" and "Password", a "Forgot Password?" link, and a green "Login" button. Below the login section, there is a message: "Please create your own account to log in to this system." Further down, there are buttons for "Set up Login Accounts" and "Problem with Login?". At the bottom left, there is a section for "Math League Contests on iPad/iPhone" showing images of contest materials. On the right side, there is a "FAQ HOT" button and a list of instructions for parents, teachers, and students. Below this is an "Introduction" section with a paragraph about the system's purpose. At the bottom right, there is a "Summary of Math League Adaptive Learning System Features (part):" followed by a list of features.

Account Login

User Email

Password

[Forgot Password?](#) [Login](#)

Please create your own account to log in to this system.

[Set up Login Accounts](#)

[Problem with Login?](#)

Math League Contests on iPad/iPhone

[Click here](#) if you are a parent or student who wish to access our Adaptive Learning System.

If you are a teacher from a school which registered for any of our 2019-2020 contests,

1. at no additional cost, your students may take our contests on your school computers or iPads and have the scoring process and submission of scores done for you, and
2. you can register to access to all features of our Adaptive Learning System for \$9.95 for all your students of any selected grade valid through 06/30/2020.

[Click here](#) to get started.

FAQ HOT


Introduction

The Math League Contests (www.mathleague.com) are designed to build student interest and confidence in mathematics through solving worthwhile problems. Over 1 million students around the world participate in Math League Contests each year. Every contest has questions from different areas of mathematics, suitable for the grade level indicated. The questions range in difficulty from straightforward through moderate to challenging. Many students first develop an interest in mathematics through problem-solving activities such as these contests.


Summary of Math League Adaptive Learning System Features (part):

1. The system can quickly help improve your students' performance on annual Math League Contests and

2. 选择 go to my class.



Math League Adaptive Learning System



[My Home](#) [Repository of Questions](#) [Study Math](#) [Create Homework & Take Homework](#) [Analysis & Review](#) [Class](#)

Welcome, [@cpecca.com!](#)
Expiration date: 2020-06-30 [Subscribe](#)


[My Account](#) [Logout](#)

How does a contest look like?
You can click on the "Sample Online Contests" button to take a sample contest.

[Sample Online Contests](#)

Tips


- Set up Parent Account
- To protect your account, please click [here](#) to modify your password.
- Please click [here](#) to improve your profile.

 **New message**


Unfinished homework (assigned by your teachers) (188)


Unfinished homework (generated by your parent or your own) (1)

Unfinished homework (generated from system analysis) (0)


 [Go to My Classes](#)

Repository of Questions

 [Search Questions](#)

 [Contests](#)

Study Mathematics

 [Study Math](#)

Create Homework & Take Homework

Analyze & Review

3. 选择自己的班级。



Math League Adaptive Learning System



My HomeRepository of QuestionsStudy MathCreate Homework & Take HomeworkAnalysis & ReviewClass


My Classes

Your current position: [My Home](#) > My Classes


Ongoing Classes	Name of class	Start date	Finish date	Description	Creator
Future Classes	2019-Grade7	2019-07-06	2020-06-30	grade7	Go to my class
Finished Classes	2019-Grade8	2019-07-06	2020-06-30	grade 8	Go to my class

Total # of items: 2 Current page: 1 [The first page](#) [Previous page](#) [Next page](#) [The last page](#) Total # of pages: 1

4. 点击班级，进去后看到历届的考试题目。



Math League Adaptive Learning System



[My Home](#) [Repository of Questions](#) [Study Math](#) [Create Homework & Take Homework](#) [Analysis & Review](#) [Class](#)


[Return to List of Class](#)

[Learning Management](#)

[List of Homework](#)


2019-Grade7

■ Your current position: [My Home](#) > [My Classes](#) > [2019-Grade7](#) > List of Homework


 **List of Homework** [Return to List of Class](#)

Name of homework	Deadline	Time limit (minutes)	Score	Date answers submitted	Homework
2018-19 Annual 7th Grade Contest	2020-06-30	No time limit		Questions not answered	View
2017-18 Annual 7th Grade Contest	2020-06-30	No time limit		Questions not answered	View
2016-17 Annual 7th Grade Contest	2020-06-30	No time limit		Questions not answered	View
2015-16 Annual 7th Grade Contest	2020-06-30	No time limit		Questions not answered	View
2014-15 Annual 7th Grade Contest	2020-06-30	No time limit		Questions not answered	View
2013-14 Annual 7th Grade Contest	2020-06-30	No time limit		Questions not answered	View
2012-13 Annual 7th Grade Contest	2020-06-30	No time limit		Questions not answered	View
2011-12 Annual 7th Grade Contest	2020-06-30	No time limit		Questions not answered	View

5. 选择一套进去。点击 start to answer questions. 就开始答题。



Math League Adaptive Learning System



Your current position: [My Home](#) > [My Classes](#) > [2019-Grade7](#) > [View Homework](#)

2018-19 Annual 7th Grade Contest
Name of class: 2019-Grade7
Deadline to submit homework: 2020-06-30
Homework status: *You can't check the answers now. Please finish your homework first.*

[Start to answer questions](#) [Return to List of Homework](#)

Question(11502)
1. $(2 \times 4 \times 8) \div 2 = 4 \times \underline{\quad}$
A) 2
B) 4
C) 8
D) 16

Question(11503)
2. Al sleeps daily for 3 times as **many** hours as he is awake. For how **many** hours does Al sleep daily?
A) 6
B) 9
C) 12



1. $(2 \times 4 \times 8) \div 2 = 4 \times \underline{\quad}$

- A) 2
- B) 4
- C) 8
- D) 16

Please select your answer ▾

Please select your answer

- A
- B
- C
- D

mes as **many** hours as he is awake. For how **many** hours does Al sleep daily?

- A) 6
- B) 9
- C) 12
- D) 18



Test Summary

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35

Question Answered

6. 如果不想让孩子看着屏幕做，可以选择打印成 PDF 保存。或者直接打印出来给孩子做。
可以用打印的快捷键是 Ctrl + P

Print

Total: 9 pages

Save

Cancel

Destination

Save as PDF

Pages

All

e.g. 1-5, 8, 11-13

Layout

Portrait

More settings

2018-19 Annual 7th Grade Contest

Test Summary

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35

Question Answered

1. $(2 \times 4 \times 8) \div 2 = 4 \times \underline{\hspace{1cm}}$

A) 2

B) 4

C) 8

D) 16

Please select your answer


2. Al sleeps daily for 3 times as many hours as he is awake. For how many hours does Al sleep daily?

A) 6

B) 9

C) 12

D) 18



Please select your answer

3. The number 36 is the product of -6 and

A) -6

B) 6

C) -30

D) 42

Please select your answer

4. $20 \times 18 = 20 \times 19 + 20 \times \underline{\hspace{1cm}}$

A) -1

B) 0

打印做好后，可以再输入答案。系统会自动检查答案，打分。

这套系统的好处是不仅有答案，还有解题思路。错的题，还可以把类似题目调出来巩固做。

✗ **【Correct answer】 B** **【Your answer】 C**

Grade: 8 Topic(s): Comparison of Numbers Level of Difficulty: 3 School Year: 1982-1983

22. (Question: 6849) Which is nearest in value to $\frac{-1}{100}$?

A) -0.10

B) 0.01

C) -0.04

D) 0.10

Answer >>

[View similar question\(s\)](#)

另外也可以根据类别来练习和学习。



Math League Adaptive Learning System



[My Home](#) [Repository of Questions](#) [Study Math](#) [Create Homework & Take Homework](#) [Analysis & Review](#) [Class](#)

Math Topics and Sample Questions

Your current position: [My Home](#) > Math Topics and Sample Questions

* Click on topic to view sample questions.

- Math Topics
 - General Knowledge
 - Measurement Units
 - Common Years and Leap Years**
 - Math Word Problems
 - Algebra
 - Classification
 - Set
 - Expression
 - Function
 - Equation
 - Inequality
 - Sequence
 - Geometry
 - Combination
 - Number Theory
 - Mathematics Thoughts

Common Years and Leap Years

Sample questions

Grade: 7 Topic(s): Time Measurement, Common Years and Leap Years Level of Difficulty: 2 School Year: 2013-2014

Question(8940)

In what month is the 222nd day of the year?

- A) May
- B) June
- C) July
- D) August

[Answer >>](#) [View similar question\(s\)](#)

Grade: High School Topic(s): Common Years and Leap Years Level of Difficulty: 2 School Year: 2007-2008

系统还自带分析功能，会把做错的题都单独整理出来，方便家长查看。



Math League Adaptive Learning System

[My Home](#)[Repository of Questions](#)[Study Math](#)[Create Homework & Take Homework](#)[Analysis & Review](#)[Class](#)[System Analysis & Review](#)[Questions you didn't answer correctly](#)

Questions you didn't answer correctly

Your current position: [My Home](#) > Questions you didn't answer correctly

Please pick a date: to [Search](#)

Total # of items: 3 Current page: 1 Total # of pages: 1 # of results per page: 10 ▼

Test date: 2020-03-19

Grade: 8 Topic(s): Estimation of Numbers, Irrational Number Level of Difficulty: 4 School Year: 1982-1983

Question(6867)

The hundreds' digit of $\sqrt{999\,999}$ is

- A) 3
- B) 5
- C) 7
- D) 9

[Answer >>](#) [View similar question\(s\)](#)

Grade: 8 Topic(s): Relationship between the Positions of A Circle and Another Circle, Circle, Arc, and Sector Level of Difficulty: 4 School Year: 1982-1983

Question(6864)

系统里所有的年级都已经开通。除开老师布置的作业之外，学生可以在系统里查看到系统里所有的题目（菜单上的 repository of questions），并且可以自己创建练习（create homework）。

自己创建练习步骤 1.

Welcome,

Expiration date: 2021-06-30 [Subscribe](#)

[My Account](#) [Logout](#)


How does a contest look like?

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[Sample Online Contests](#)

Tips

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- [Set up Parent Account](#)
- To protect your account, please click [here](#) to modify your password.
- Please click [here](#) to improve your profile.

 **New message**


Unfinished homework (assigned by your teachers) (80)


Unfinished homework (generated by your parent or your own) (1)

Unfinished homework (generated from system analysis) (2)


[Go to My Classes](#)

Repository of Questions


 [Search Questions](#)

 [Contests](#)


Study Mathematics


 [Study Math](#)

Create Homework & Take Homework

 [Create Homework & Take Homework](#)

Analyze & Review


 [System Analysis & Review](#)

 [Questions you didn't answer correctly](#)

自己创建练习步骤 2.


Create Homework & Take Homework

Your current position: [My Home](#) > Create Homework & Take Homework

Create Homework & Take Homework



Create your own homework and conduct homework.

Start now ▶

My Homework



Select homework created by your parents or your own and conduct homework.

Start now ▶

History of Homeworks


Review finished homeworks.

Start now ▶

Contests


Practice past Math League Contests questions.

Start now ▶

自己创建练习步骤 3.

Create Homework and Take Homework Your current position: [My Home](#) > [Create Homework & Take Homework](#) > Create Homework and Take Homework

Step 1: Select or create homework. -----> Step 2: Conduct test online. -----> Step 3: Submit test.

Please specify your search criteria.

Grade: All Year of competition: All Homework's level of difficulty: Preliminary

Category: All Topic(s): All Select topic(s)

Start to test

Please select topic(s)

- ☐ Measurement Units
 - ☐ Volume Measurement ☐ Area Measurement ☐ Length Measurement
 - ☐ Angle Measurement ☐ Quality Measurement ☐ Currency Measurement
 - ☐ Time Measurement ☐ Quantity Measurement
- ☐ Common Years and Leap Years
- ☐ Basic Quantitative Relationship
 - ☐ Analysis in Common Math Word Problems ☐ Synthesis in Common Math Word Problems
 - ☐ in Common Math Word Problems
- ☐ Math Word Problems related to Fractions and Percents
- ☐ Proportion
- ☐ Problem Solving Strategies
 - ☐ Graphical ☐ Reverse Reasoning ☐ Transformation
 - ☐ Give an Example

特别说明一点：如果是已经在老师布置过的竞赛里的题目，在 repository of questions 或者 create Homework 的时候就不会再出现。

比如说，老师已经布置过 6 年级全部年份的题目作为 assignment, 那么在自己创建练习的时候，就不会再作为可选。在 repository of questions 里搜索也不会出现。

给新生家长的一些建议：

1. 建议从最早的年份开始做。因为越早的越简单
2. 第一轮做题，不要限时。可以让孩子仔细研究了再做。就是说不是模拟考。而是学习的做。一套题可以做很久都没问题，遇到问题，可以去翻资料。
3. 等到 2 月开始，我们会重新 **assign** 一遍题目，让孩子可以作为模拟考用。
4. 建议做题的时候不要用计算器。
5. 如果有一个概念错误，系统里可以选择做该类型的题目。就是把概念搞懂吃透，然后那类题目就再也不怕了。
6. 如果做该年级的题目最早的年份开始做，也只做了一半正确率的，建议用创建练习的方式，做更低一个年级的，如果还是不行，就做低两个年级的。系统里最低的年级是 4 年级。
7. 创建练习的时候，如果是已经布置过作业的年份是不能创建的。