2025 SEAMO 奥数竞赛开始报名了！

- 8 月 11 日开放，8 月 22 日截止

好消息！2025 年度 **SEAMO 奥数竞赛今天正式开启报名**！请注意：**开放报名时间只有 12 天— 8 月 22 日截止报名。**请家长们务必在报名窗口期内完成报名，以免错失参赛机会！

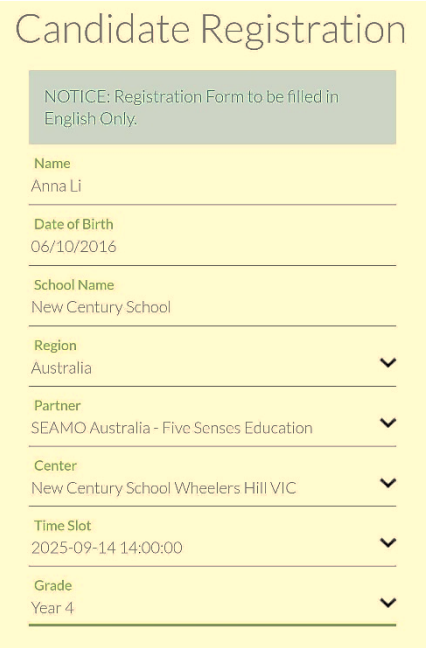
SEAMO 奥数竞赛是由新加坡主办、在全球范围广受认可的权威数学竞赛。SEAMO 优胜者的成绩广受**澳大利亚顶尖私立学校**及**多所国际名校**认可，是学生展现数学能力、提升升学竞争力的重要平台。

在 2024 年的 SEAMO 奥数竞赛中，新世纪学校学子取得了 **7 金、16 银、35 铜** 的优异成绩！

今年新世纪学校将继续作为 SEAMO 竞赛的官方指定考点，**设有 Wheelers Hill 和 Templestowe 两个考点，采用实体考场考试**。考试的具体安排及相关信息如下：

报名方式：

学生要在 SEAMO 官网报名：
Register at: https://seamo-official.org
报名费**$35，**直接在网上支付给 SEAMO



比赛方式：
实体考场考试

比赛时间：
2025. 9. 13(周六）上午 10:00 – 12:00, Templestowe College
2025. 9. 14(周日）下午 2:00 – 4:00, Wheelers Hill Secondary College

学生报考组别：
A 组：1 - 2 年级
B 组：3 - 4 年级
C 组：5 - 6 年级
D 组：7 - 8 年级

报名注意点（请参考图示）：

- SCHOOL NAME：新世纪学校学生填写 New Century School
- Region 要选择 Australia
- Partner 要选择 SEAMO Australia-Five Senses Education
- Centre 要选择 New Century School-Templestowe 或 New Century School-Wheelers Hill
- Grade 是学生日校所在年级
- 报名成功后你会收到来自 SEAMO 的 email，包括 Hall Ticket 请保存好。比赛前我校会再发通知，提醒相关考生各类注意事项。

请有兴趣参加比赛的同学**根据自身情况选择考点，**比如，在 Templestowe 分校上奖学金课程的学生为了避免误课，可以选择去 Wheelers Hill 参加竞赛。

竞赛奖项设置：
竞赛设有 Gold, Silver, Bronze 和 Participation 奖项（金奖、银奖、铜奖和参与奖）。通常每个年级的竞赛共有 25 个选择题，规定学生用 1.5 小时来完成。

SEAMO 不仅注重学生扎实的数学基础，更致力于逻辑思维、创造力与分析能力的全面提升。其众多题目源亦是各类奖学金考试中的重点与难点。因此，SEAMO 不仅是一场富有挑战的国际数学竞赛，更是为未来奖学金考试打下坚实基础的绝佳机会。

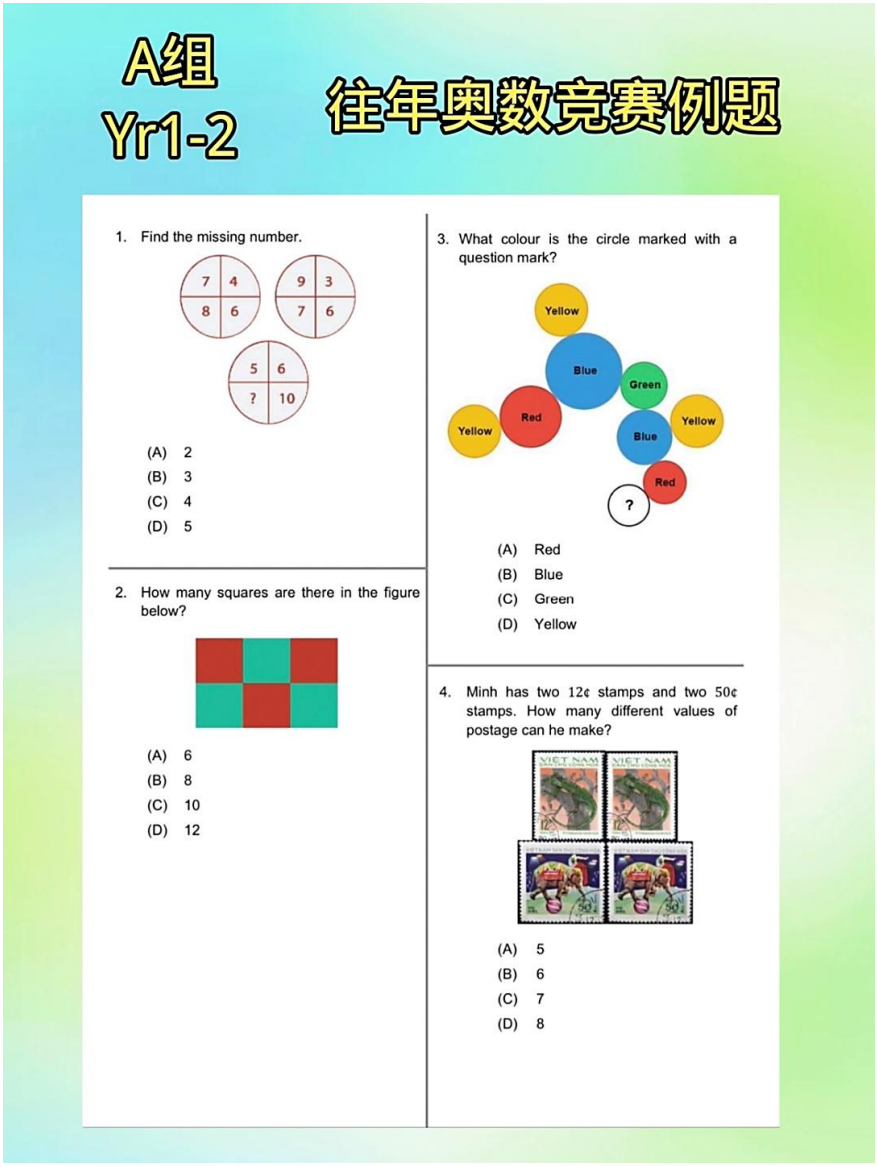
尝试过了，才知道是不是你的机会！

努力抓住机会了，才能获得你想要的通行证！

奥数，没有想象的那么难，为什么不试试？

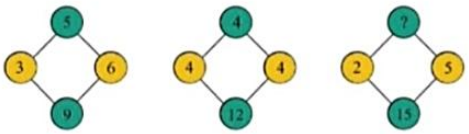
如果家长还需了解详细信息或报名流程，请联系我校办公室：9802 9998， 9802 1990 或联系客服咨询。

以下是往年不同年级 SEAMO 竞赛的例题。**如果家长想获得去年或前年的考题，可以来我校各分校前台翻看竞赛内容。**



B组 Yr3-4 往年奥数竞赛例题

1. Find the missing number in the number pattern below.



(A) 10
(B) 12
(C) 14
(D) 16
(E) 18

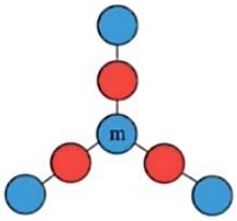
2. In a new operation,

$2 \bullet 4 = 8$
$4 \bullet 3 = 11$
$8 \bullet 7 = 23$

Find the value of $13 \bullet 9$.

(A) 35
(B) 36
(C) 37
(D) 38
(E) 40

3. The numbers 1 to 7 are arranged in the circles in such a way that the sum of the 3 numbers on each line is 14. What is the value of m?



(A) 7
(B) 8
(C) 9
(D) 10
(E) None of the above

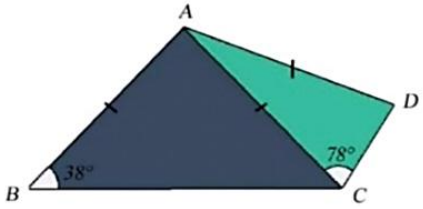
4. The distance between Jakarta and Bandung is $150\ km$ via Jakarta-Cikampek Toll Road. A car departed from Jakarta at a constant speed of $60\ km/h$ towards Bandung at 10:00 AM. Another van departed from Bandung, at a constant speed of $50\ km/h$ towards Jakarta. At what time must the van leave Bandung, such that it meets the car in the middle of the two cities?

(A) 09:30 AM
(B) 09:35 AM
(C) 09:40 AM
(D) 09:50 AM
(E) None of the above

C组 Yr5-6

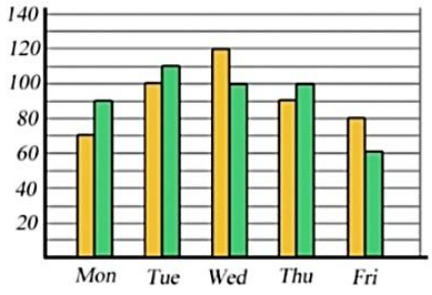
往年奥数竞赛例题

1. In the diagram below, $AB = AC = AD$, $\angle ABC = 38°$ and $\angle ACD = 78°$. What is the size of $\angle BAD$?



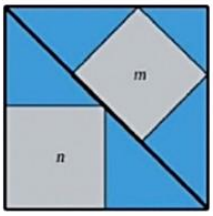
(A) 122°
(B) 124°
(C) 126°
(D) 130°
(E) None of the above

2. The graph shows the number of minutes Mark and Peter spent in Taekwondo training in one week. On average, how many more minutes per day did Peter train than Mark?



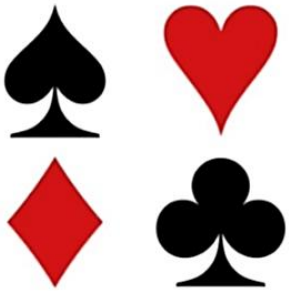
(A) 0
(B) 1
(C) 2
(D) 3
(E) 4

3. Two squares of areas m and n are inscribed in a bigger square as shown. Find $m : n$.



(A) 4 : 3
(B) 4 : 5
(C) 7 : 8
(D) 8 : 9
(E) None of the above

4. A deck of cards has 4 suites – spades, hearts, clubs and diamonds. There are 13 cards per suite. What is the minimum number of cards a player must draw to ensure he has at least 1 card from each suite?

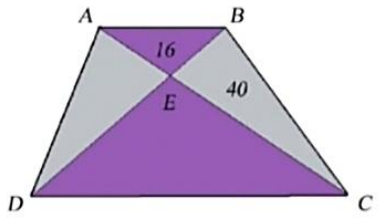


(A) 4
(B) 5
(C) 39
(D) 40
(E) 52

D组 Yr7-8

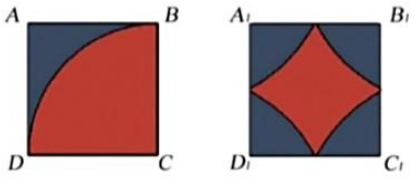
往年奥数竞赛例题

1. Given that $AB//CD$, the area of ΔBCE is 40 cm^2 and the area of ΔABE is 16 cm^2, find the area of the trapezium.



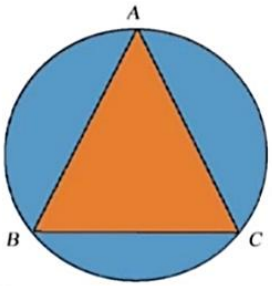
(A) 144 cm^2
(B) 196 cm^2
(C) 200 cm^2
(D) 220 cm^2
(E) None of the above

2. Squares $ABCD$ and $A_1B_1C_1D_1$ have sides of length a. Let S and S_1 be the two red regions respectively. Which of the following is true?



(A) $S < S_1$
(B) $S = S_1$
(C) $S = 1.2\,S_1$
(D) $S > S_1$
(E) Cannot be determined

3. The vertices of an equilateral triangle ABC lie on the circumference of a circle. Find the area of the circle, given that the side of the equilateral triangle is $2\sqrt{3}$.



(A) 3π
(B) 4π
(C) 5π
(D) 6π
(E) None of the above

4. A fair die is numbered from 1 to 6 on each of its 6 faces respectively. The die is thrown twice and the two scores are added. Which of the following events has the highest chance of happening?

(A) Total score is an odd number
(B) Total score is a multiple of 3
(C) Total score is a perfect number
(D) Total score is a prime number
(E) Total score is divisible by 4