

SASMO 2024, Primary 1 (Grade 1) Contest

Section A (Correct answer – 2 points | No answer – 0 points | Incorrect answer – minus 1 point)

Section A (正确-2分 | 不回答-0分 | 不正确-减1分)

Question 1

Calculate the sum below.

请计算下列式子

$$22 + 16 + 8 + 14$$

- A. 60
- B. 61
- C. 50
- D. 59
- E. 40

Question 2

8 less than 35 is ___.

比35少8的是___.

- A. 17
- B. 26
- C. 27
- D. 28
- E. 30

Question 3

Which one of the following is an even number?

下列数中，哪个数是偶数？

- A. 17
- B. 369
- C. 111
- D. 5
- E. 732

Question 4

$6 + 18$ is the same as $\underline{\quad} + 7$.

$6 + 18$ 与 $\underline{\quad} + 7$ 相同

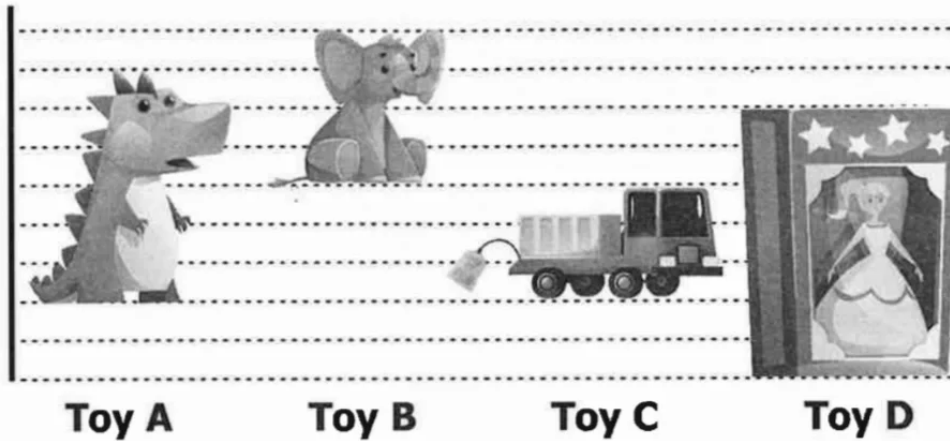
- A. 19
- B. 17
- C. 24
- D. 27
- E. 18

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Question 5

Find the order of the toys from the longest to the shortest.

将下列玩具按高度从高到矮排序。



- A. Toy D, Toy B, Toy A, Toy C
- B. Toy D, Toy A, Toy C, Toy B
- C. Toy C, Toy B, Toy A, Toy D
- D. Toy D, Toy A, Toy B, Toy C
- E. Toy A, Toy D, Toy B, Toy C

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Question 6

How many dots are there in the figure?

下列图片一共有多少个点?



- A. 80
- B. 79
- C. 78
- D. 77
- E. 76

Question 7

Find the picture below which is exactly the same as the picture on the right.

下列哪个选项和右侧图像一模一样?



A.



B.



C.



D.

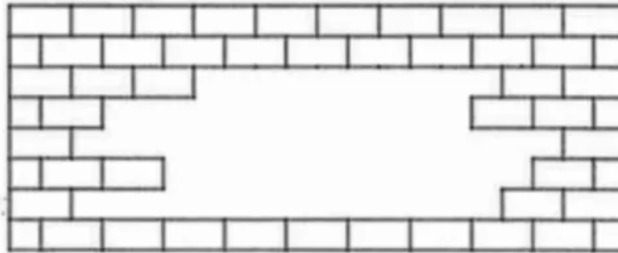


E.

Question 8

How many bricks are needed to fix the wall below?

如果需要修复这面墙，请问还需要多少砖块？



- A. 30
- B. 31
- C. 32
- D. 33
- E. 34

Question 9

What is the next number in the sequence below?

找规律，下一个数是？

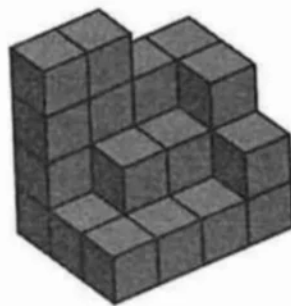
20, 19, 17, 14, 10, ...

- A. 4
- B. 5
- C. 6
- D. 7
- E. 8

Question 10

The diagram shows some cubes of the same size stacked at a corner of a room. How many cubes are there altogether? (Note: The floor is horizontal and the two walls are vertical. There are no gaps or holes behind the visible cubes.)

如图所示，房间角落堆放着一些相同大小的立方体。请问一共有多少个立方体？（注意：地板是水平的且两面墙是垂直的。立方体后面没有任何间隙或孔洞）



- A. 30
- B. 29
- C. 28
- D. 27
- E. 26

连瑾 1716

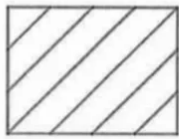
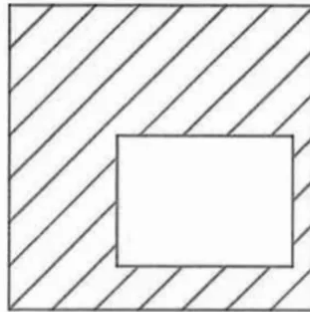
连瑾 1716

连瑾 1716

连瑾 1716

Question 11

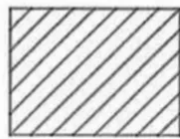
What is the missing piece of the figure below? 下面的图形缺少哪一部分?



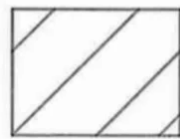
A.



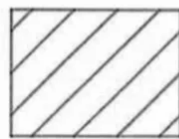
B.



C.



D.

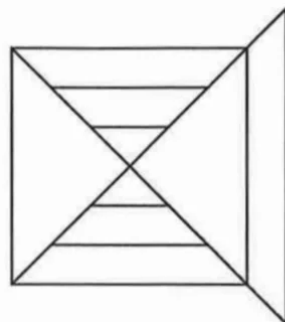


E.

Question 12

How many triangles are there in the figure below?

下图中共有多少个三角形?



- A. 10
- B. 11
- C. 12
- D. 13
- E. 14

Question 13

At a garden party, four flower pots are named Daisy, Rose, Tulip and Jasmine. Daisy and Tulip are the same size. Daisy fits inside Rose, and Rose fits inside Jasmine. Considering this information, which of the following statements is true?

在一个花园派对上，有四个花盆，它们的名字分别是 Daisy、Rose、Tulip 和 Jasmine。Daisy 和 Tulip 的尺寸相同。Daisy 能装进 Rose 中，而 Rose 能装进 Jasmine 中。根据这些信息，以下哪个陈述是正确的？

- A. Jasmine can fit inside Tulip Jasmine 能装进 Tulip 中
- B. Jasmine can fit inside Daisy Jasmine 能装进 Daisy 中
- C. Tulip cannot fit inside Rose Tulip 不能装进 Rose 中
- D. Daisy cannot fit inside Rose Daisy 不能装进 Rose 中
- E. Tulip can fit inside Jasmine Tulip 能装进 Jasmine 中

Question 14

Alice, Bella and Claire sit around a circular table, each with a different accessory: bracelet, necklace or earrings. The girl with the necklace is seated to the left of Alice. Claire is to the left of the girl with the earrings. What accessory does each girl have?

Alice, Bella 和 Claire 坐在一个圆桌周围，每个人都有不同的饰品：手链、项链或耳环。戴着项链的女孩坐在 Alice 的左边。Claire 在戴着耳环的女孩的左边。请问每个女孩分别戴着什么饰品？

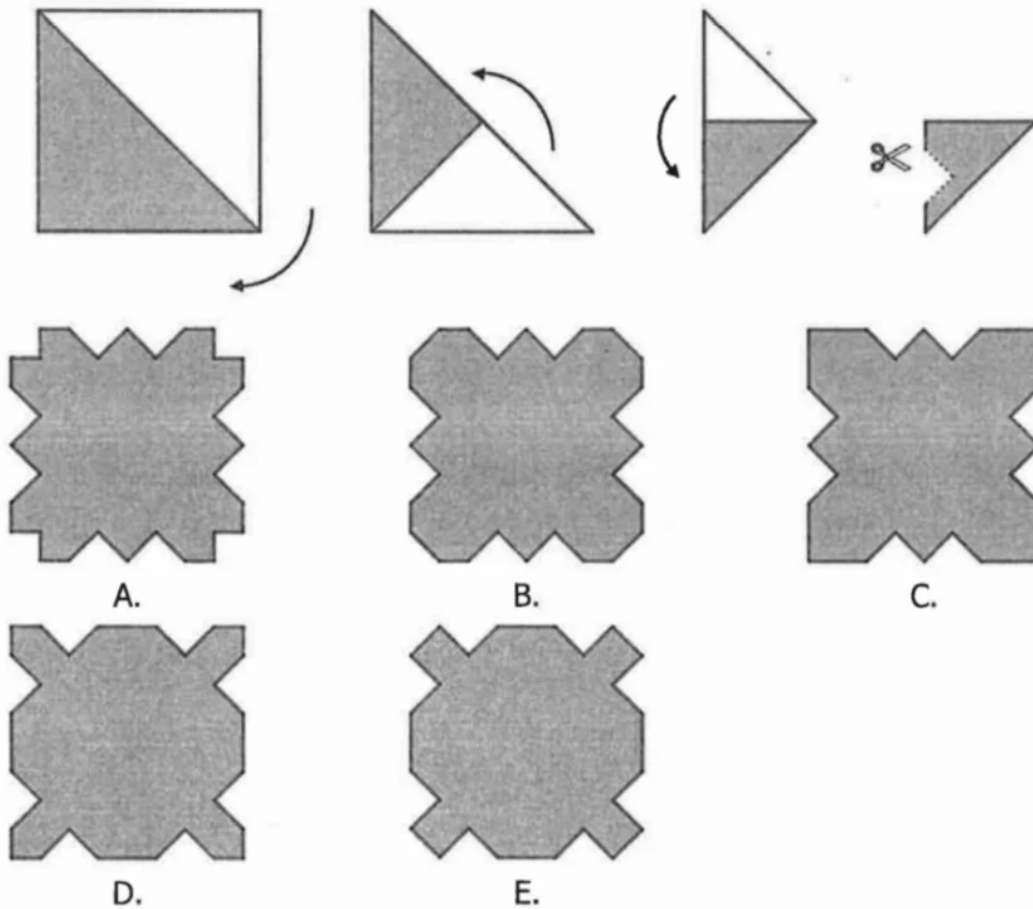
- A. Alice – necklace, Bella – earrings, Claire – bracelet
Alice – 项链, Bella – 耳环, Claire – 手链

- B. Alice – bracelet, Bella – necklace, Claire – earrings
Alice – 手链, Bella – 项链, Claire – 耳环
- C. Alice – earrings, Bella – bracelet, Claire – necklace
Alice – 耳环, Bella – 手链, Claire – 项链
- D. Alice – earrings, Bella – necklace, Claire – bracelet
Alice – 耳环, Bella – 项链, Claire – 手链
- E. Alice – necklace, Bella – bracelet, Claire – earrings
Alice – 项链, Bella – 手链, Claire – 耳环

Question 15

Fold a piece of paper three times and then cut along the dashed line. What image will be revealed when the paper is unfolded?

将一张纸折叠三次，然后沿着虚线剪开。当纸张展开时会是什么图像？



Section B (Correct answer – 4 points | Incorrect or No answer – 0 points)

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Section B (回答正确 - 4 分 | 回答错误或者不回答 - 0 分)

When an answer is a 1-digit number, shade "0" for the tens, hundreds and thousands place.

Example: if the answer is 7, then shade 0007

When an answer is a 2-digit number, shade "0" for the hundreds and thousands place.

Example: if the answer is 23, then shade 0023

When an answer is a 3-digit number, shade "0" for the thousands place.

Example: if the answer is 785, then shade 0785

When an answer is a 4-digit number, shade as it is.

Example: if the answer is 4196, then shade 4196

当答案是个位数时，请在十位、百位和千位处涂上 "0" 。

例如：如果答案是 7，请涂 0007。

当答案是两位数时，请在百位和千位处涂上 "0" 。

例如：如果答案是 23，请涂 0023。

当答案是三位数时，请在千位处涂上 "0" 。

例如：如果答案是 785，请涂 0785。

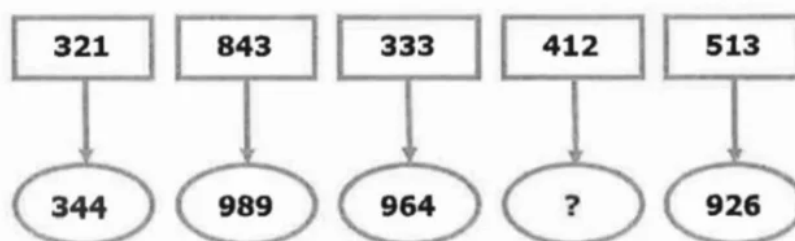
当答案是四位数时，请直接涂出答案。

例如：如果答案是 4196，请涂 4196。

Question 16

What is the missing number in the pattern below?

找规律，下图中空缺的数是多少？



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Question 17

12

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In a classroom, there are a total of 40 pencils divided between two pencil cases. After moving 12 pencils from the first case to the second one, the first case has 8 more pencils than the second case. How many pencils were initially in the first case?

在一个教室里，有总共 40 支铅笔分别装在两个铅笔盒里。把第一个铅笔盒里的 12 支铅笔移到第二个铅笔盒后，第一个铅笔盒比第二个铅笔盒多 8 支铅笔。请问最初第一个铅笔盒里有多少支铅笔？

Question 18

How many days are in a month that begins on Monday and ends on Wednesday?

一个月以周一开始周三结束，请问这个月有多少天？

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Question 19


It is given that

如图所示

$$\text{koala} \times \text{owl} + \text{bull} = 41$$

$$\text{bull} + \text{koala} = 11$$

$$\text{koala} \times \text{koala} = 25$$

What is the value of  ?



代表什么数?

Question 20

The sum of the digits of an odd 3-digit number is 9. What is the largest possible such 3-digit number?

一个奇数三位数的各位数数字之和为 9。在这样的三位数，最大的可能的数是多少？

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I am a 3-digit even number.

- All my digits are different.
- The digits in my number are arranged in increasing order from left to right.
- The digits in my tens and ones places add up to 8.

What number am I?

我是一个三位数的偶数。

- 我的各个位数上的数字各不相同。
- 我的各个位数上的数字按从左到右逐渐变大的顺序排列。
- 我的十位数上的数字和个位数上的数字之和为 8。

我是什么数字？

连瑾 1716

连瑾 1716

连瑾 1716

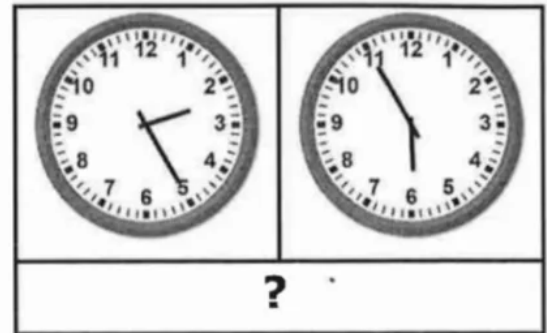
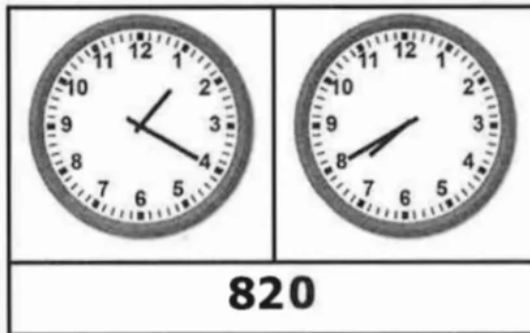
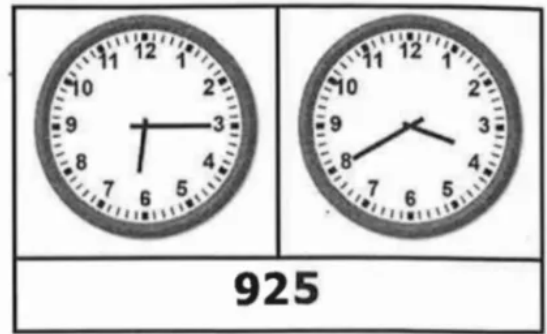
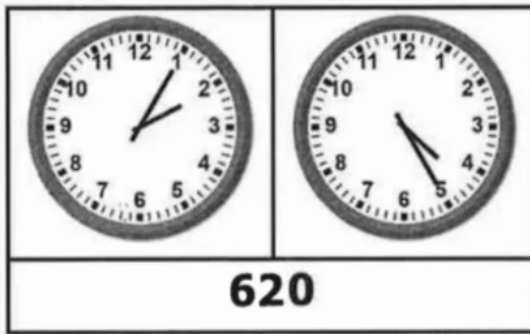
连瑾 1716

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Question 22

Study the picture and find the missing number.

观察下图，求出缺失的数



Question 23

How many 3-digit numbers have only even digits?

有多少个三位数的各位数上的数字只是偶数?

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Question 24

Two years ago, Tom was three times as old as Bob. Three years from now, the sum of their ages will be 30. What is the difference between their ages now?

两年前, Tom 的年龄是 Bob 的三倍。三年后, 他们的年龄总和是 30 岁。他们现在的年龄差是多少?

Question 25

How many different 2-digit odd numbers can be formed using an odd number of matchsticks in total?

请问使用奇数根火柴棍一共可以组成多少个不同的两位奇数数字

