



## 2026 Spring Cup Mathematical Olympiad

Date: 28 February 2026

Time Given: 1 hour

Level: Primary 1

Name: \_\_\_\_\_

### Instruction to Candidates

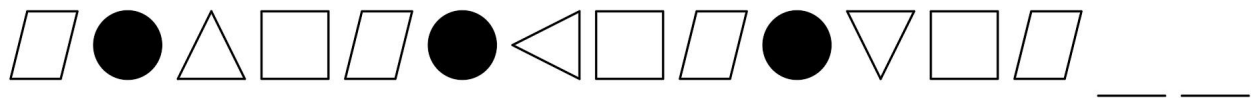
1. Do not open the booklet until you are told to do so.
2. Answer ALL 12 questions.
3. No steps are needed to justify your answers.
4. Questions 1-12 are worth 10 marks each.
5. No marks will be deducted for wrong answers.
6. No marks will be given for unanswered questions.
7. No calculators or mathematical instruments are allowed.



1. The same shape represents the same number. Fill the blanks.

$$\begin{array}{rcc}
 & \triangle - \bigcirc = \bigcirc & \bigcirc = ( \quad ) \\
 \diamond + \diamond + \diamond + \diamond = \triangle & & \diamond = ( \quad ) \\
 \diamond + 5 = 7 & & \triangle = ( \quad )
 \end{array}$$

2. According to the pattern, draw the figure in the blank space.

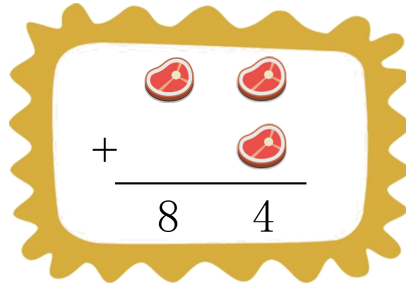


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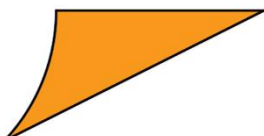
3. The same shape represents the same number.

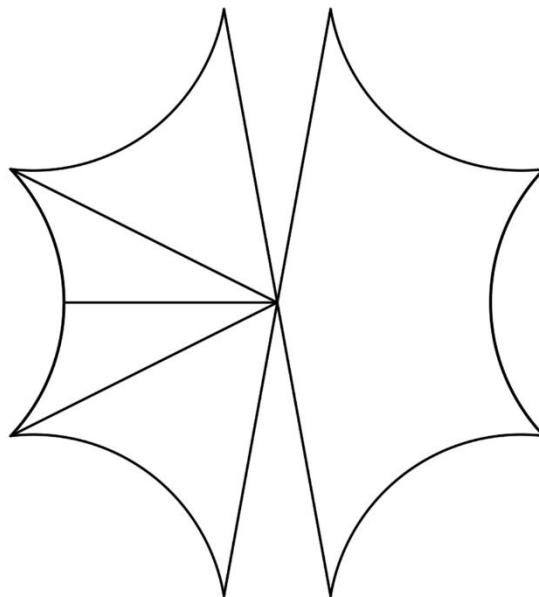


= \_\_\_\_\_ .



4. To make the figure below, how many orange figures are

needed? 

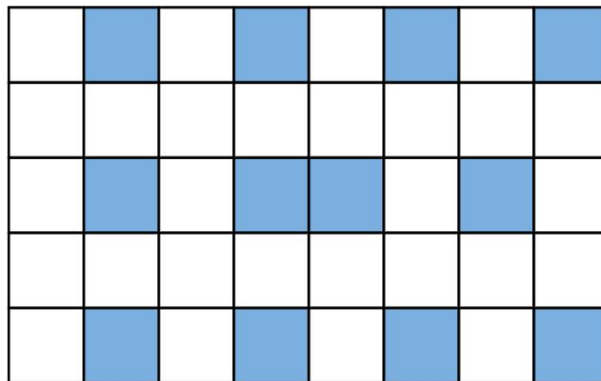


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5. Each pair of children shakes hands once, but the child wearing glasses does not shake hands with the other child wearing glasses. How many times do they shake hands in total?

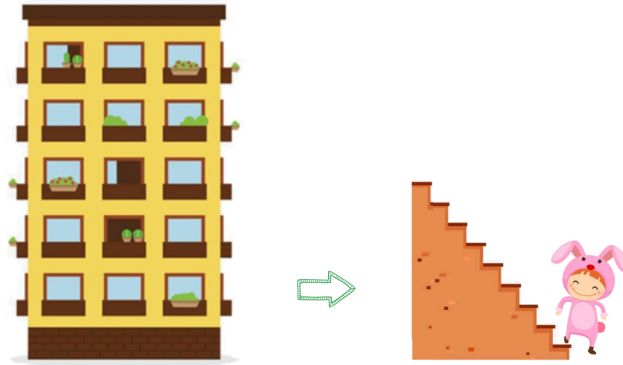


6. How many  are there in the picture?

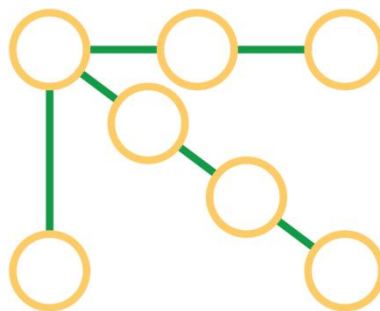


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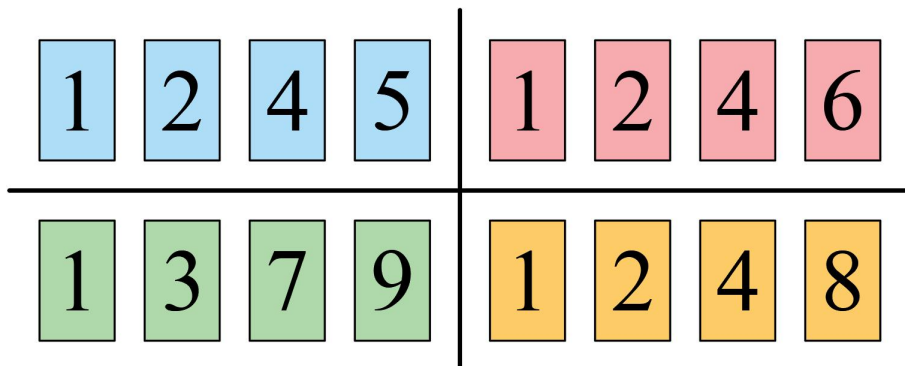
7. Bunny goes from the 1<sup>st</sup> floor to the 5<sup>th</sup> floor. There are 9 steps between every 2 floors. Bunny starts with her right foot: first step right foot, second step left foot, third step right foot, and so on. When she reaches the last step, which foot does she use — her left foot or her right foot?



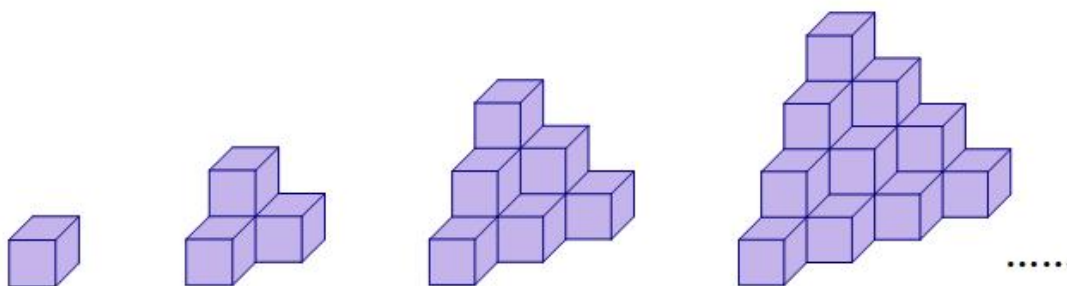
8. Please place the numbers 1, 2, 3, 4, 5, 9, and 10 into the circles in the diagram below so that the sum of the numbers on each straight line equals 14.



9. Swap exactly 4 cards so that the sum of the 4 numbers in each group is 15. Write down the numbers in each group after the swap.

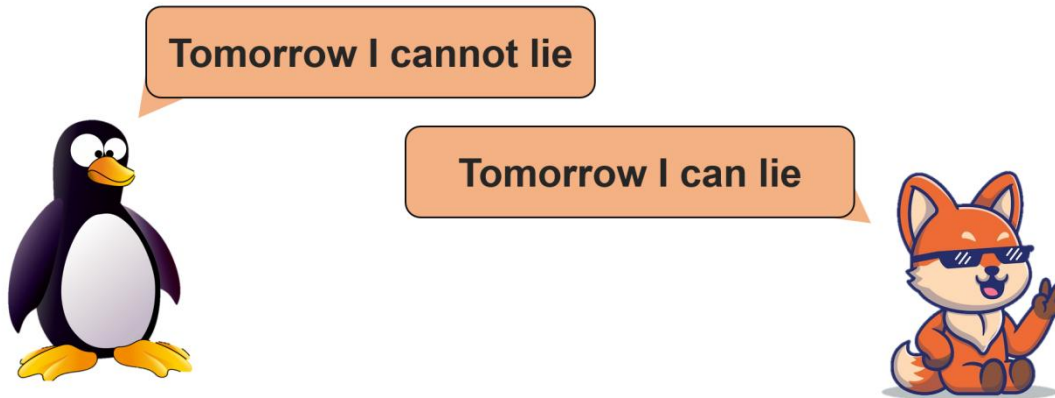


10. According to the pattern, how many small cubes should there be in the 6<sup>th</sup> figure?



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11. Both the animal's penguin and the fox like to lie.  
Whenever they can lie, they will definitely lie.  
The king therefore set a rule:  
The penguin can lie only on Wednesdays, Thursdays, and  
Fridays;  
while the fox can lie only on Fridays, Saturdays, and Sundays.  
One day, a penguin met a fox.



On which day of the week did they meet?

12. In your opinion, from question 1 to 11, your favourite  
question is question \_\_\_\_\_, the most difficult question is  
question \_\_\_\_\_.

(As long as your answer is within 1 to 11, you get full marks,  
otherwise you get zero.)