ASMOPSS THAILAND 2026

Asian Science & Mathematics Olympiad for Primary and Secondary Schools (Thailand)

Mathematics Primary G.2

Sunday, August 9, 2026

8:30 – 10:00 a.m. (90 minutes)

$$\sum x^2$$

B

Instructions

1. This exam includes 25 questions, with a total score of 100.
2. Fill out your name, grade, school, test center, room, seat number, and identification number either in pen or in pencil.
3. Use a 2B black pencil or darker one to fill in the circles corresponding to your answer written at the top.
4. Use a pen or a pencil to write your answer in the box at the top of the column.
5. If you want to change an answer that you have already marked, use a clean eraser to erase the incorrect answer and mark the new one.
6. It should be noted that figures in the exam are not drawn to scale.
7. Dictionaries, calculators, and electronic devices are not permitted in the test room.
8. Note taking can be done on the test paper only, with no extra sheet provided.
9. If the answer is a number that is more than 3-digit number or decimal number, please answer as the following pattern:
   - 9.1 If the answer is more than 3-digit number, then answer the last 3 digits.
   - 9.2 If the answer is decimal number, then round the answer to the nearest integer.
10. Do not write anything or make any symbols in the black barcode area along the edge of the paper except the answers on the answer sheet. Make sure the answersheet is not crumpled.
11. Submit the answer sheet to the proctor when the time is up.
12. Cheating in the exam may cause serious consequences including disqualification from receiving any award or joining the second round of the test held by ASMOPSS THAILAND.

Should any disagreement arise, the judgment of the panel is deemed final.

Announcement of the results via https://asmopssthailand.com on September 14, 2026

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1. Find the value of $29 + 54 + 13 - 29$. (2.5 points)

2. A piece of bread costs 12 baht. How much do 5 pieces of bread cost? (2.5 points)

3. Marwin has 15 baht. Fibo has 37 baht. How much less money does Marwin have than Fibo? (2.5 points)

4. If ☺ + ☺ = 64, find the value of ☺ + 19. (2.5 points)

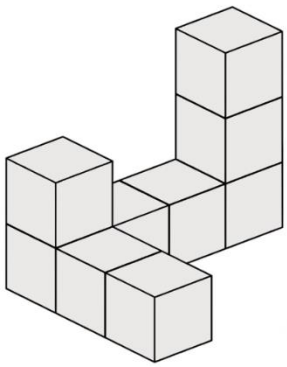
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5. A teacher intends to make 135 pieces of snacks to distribute to students on Children's Day. Currently, 87 pieces have been completed. How many more pieces of snacks must the teacher make to reach the required amount?

(2.5 points)

6. If Kevin caught 8 crabs, while Kathy caught 2 fewer crabs than Kevin, how many crabs did both catch altogether? (2.5 points)

7. From the figure,



how many  are there? (2.5 points)

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8. From the two geometric shapes,



Figure 1



Figure 2

what is the difference in the number of lines of symmetry between the two shapes? (2.5 points)

9. Given the pattern of numbers 7 , 8 , 6 , 4 , 7 , 8 , 6 , 4 , ☐ , 8 , △ , 4 , 7 , ..., where ☐ , △ are positive integers. Find the value of ☐ + △.

(4.5 points)

10. A stationery shop sells pencils for 8 baht each and erasers for 5 baht each. If Tom buys pencils and erasers from this shop for a total of exactly 104 baht, given that he buys at least 1 of each type of item, what is the minimum number of pencils Tom can buy? (4.5 points)

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11. If the sum of 12 + 14 + 11 + 13 + 10 + ☺ = 69, where ☺ is a natural number. Find the value of ☺ **- 5**. (4.5 points)

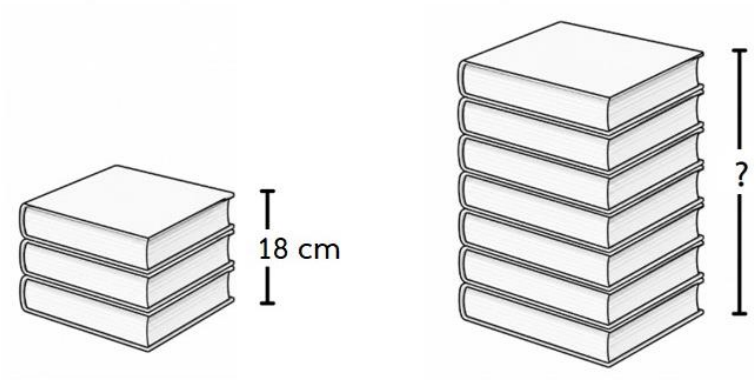
12. Anna, Best, and Charlie are all standing in a row such that:
    - Best is standing between Anna and Charlie.
    - 7 people are standing between Best and Charlie.
    - 18 people are standing between Anna and Charlie.

    Find the number of people standing between Anna and Best. (4.5 points)

13. Ava has more than 40, but less than 50, snacks. If she divides the snacks into piles of 6, Ava has no snacks left. But if Eva divides the candies into piles of 7, she will have 6 candies left. How many candies does Eva have in total? (4.5 points)

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14. Fibo stacked 3 books of equal size and measured the total height to be 18 centimeters, as shown in the figure below.



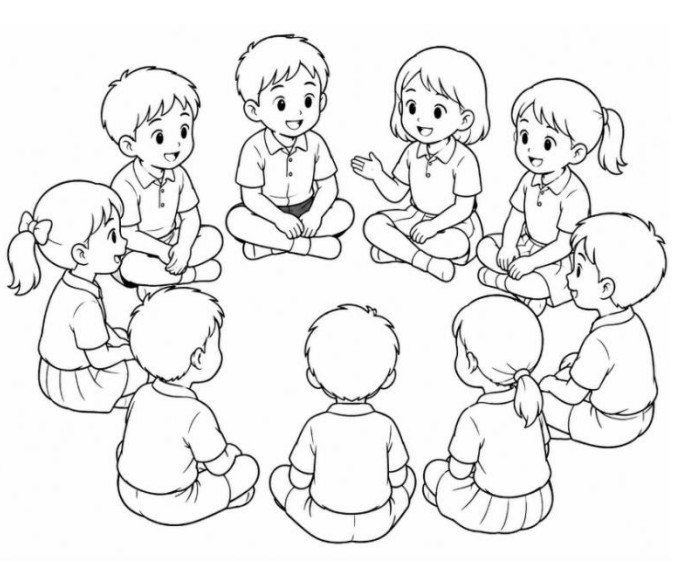
If Fibo stacks 7 books of this same kind together, what will the total height of the books be in centimeters? (4.5 points)

15. Kevin, Kathy, and Fibo have different weights, under the following conditions:
    - Kevin weighs 3 kilograms more than Kathy.
    - Kathy weighs 5 kilograms less than Fibo.

If Fibo weighs 32 kilograms, what is the total weight of all three people in kilograms? (4.5 points)

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16. Nine students are sitting in a circle and are arranged in order from Student 1 to Student 9. The teacher has the students count numbers from 1 to 5 continuously in order, starting from:



(Round 1) **1st Student counts 1**

2nd Student counts 2

3rd Student counts 3

4th Student counts 4

5th Student counts 5

6th Student counts 1

7th Student counts 2

8th Student counts 3

9th Student counts 4

(Round 2) **1st Student counts 5**

2nd Student counts 1

....

If the students continue counting in a circle like this, what number will the 3rd student count in **Round 4**? (6 points)

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17. A shop sells eggs at the following prices:

    1 egg for 4 Baht

    5 eggs for 18 Baht

    Kathy has 76 Baht. What is the maximum number of eggs that she can buy from this shop? (6 points)

18. A rope is 3 meters 48 centimeters long. It is cut into 3 pieces such that:

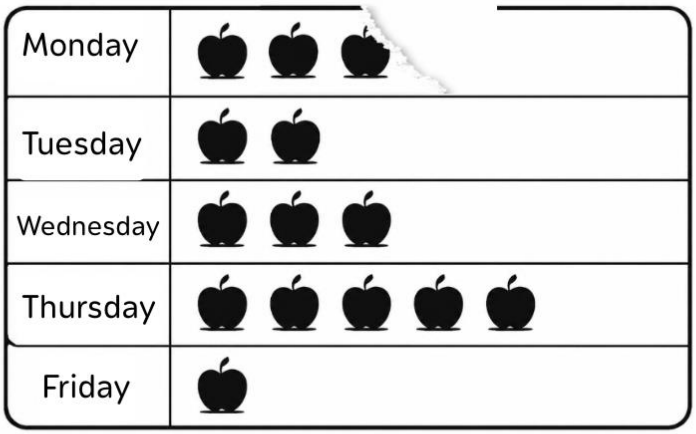
    - The first piece is 1 meter 14 centimeters long.
    - The second piece is 62 centimeters longer than the third piece.

    How many centimeters shorter is the third piece of rope than the first piece? (6 points)

19. There are 5 numbers: 1, 2, 3, 4, and 5. If choosing two numbers to create two-digit odd numbers such that the digits in the units and tens places are not repeated, how many numbers can be created in total? (6 points)

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20. The pictogram shows the number of apples Kathy sold in 5 days, with some of them torn.



Given that  represents two apples.

If Katie sold 30 apples in 5 days at 8 baht per apple, how much money did she earn on Monday? (6 points)

21. Given the pattern 28 , ____ , 22 , 19 , 16 , 13 , 10, what is the missing number? (2.5 points)

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22. An elephant can carry 2 baskets. Each basket has 2 compartments. Each compartment can hold 2 bags of rice. If Fibo has 7 elephants, how many bags of rice can he transport in total? (4.5 points)

23. Between two electrical poles, there are two identical cars and a bus parked, as shown in the figure below. There are no gaps between the vehicles or between the vehicles and the electrical poles.



If the bus has a length of 3 meters 50 centimeters and the car has a length of 2 meters 25 centimeters, how many meters apart are the two electrical poles? (4.5 points)

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24. How many even numbers are there between 12 and 48? (2.5 points)

25. Grandfather has 3 different dolls and wants to give 1 doll to each of his 2 grandchildren. How many different ways can Grandfather distribute the dolls to both grandchildren? (4.5 points)

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GRADE 2 ANSWER KEY

No.	Answer	No.	Answer
1	67	14	42
2	60	15	89
3	22	16	5
4	51	17	21
5	48	18	28
6	14	19	12
7	9	20	64
8	1	21	25
9	13	22	56
10	3	23	8
11	4	24	17
12	10	25	6
13	48		

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