

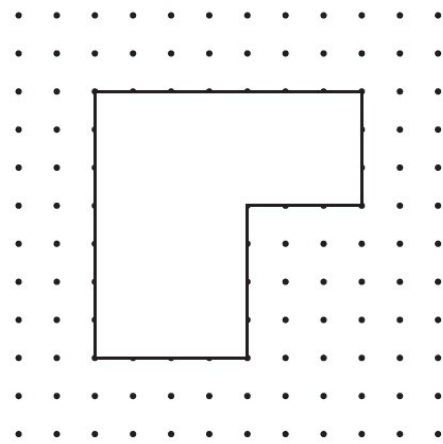
1. There are 56 pencils, and they need to be divided equally among 8 students.

How many pencils will each student receive?

- A) 6
- B) 8
- C) 7
- D) 9

(Correct +3, Wrong 0, Blank 0)

2. Here is a shape on a grid of centimeter squares. (Each square is 1cm^2)



Which equation below is the correct calculation to find the area of the shape in cm^2 ?

- A) $(4 \times 4) + (3 \times 3)$
- B) $(4 \times 4) + (4 \times 3) + (3 \times 3)$
- C) $(4 \times 4) + (3 \times 3) + (3 \times 3)$
- D) $(6 \times 4) + (7 \times 3)$

(Correct +3, Wrong 0, Blank 0)

3. The temperature (in degrees Celsius ($^{\circ}\text{C}$)) recorded in a city over 10 days are:

25, 26, 24, 27, 23, 26, 28, 22, 29, 30.

What is the range of temperature fluctuations during these 10 days?

- A) 6°C
- B) 8°C
- C) 22°C
- D) 30°C

(Correct +3, Wrong 0, Blank 0)

4. Here is a grid with two symbols.

○	○	○	15
○	△	○	16
△	△	△	A
16	17	16	

Each symbol represents a whole number.

What is the number in box A?

- A) 18
- B) 6
- C) 5
- D) 17

(Correct +3, Wrong 0, Blank 0)

5. What is the missing number in the sequence 0, 1, 1, 2, 3, 5, ____, 13, 21?

A) 10
B) 12
C) 6
D) 8

(Correct +3, Wrong 0, Blank 0)

6. Several minutes ago, there were 50 more people in room 1 than in room 2. Eight people from room 1 moved to room 2.

How many more people are there in room 1 than in room 2 now?

A) 58
B) 42
C) 26
D) 34

(Correct +3, Wrong 0, Blank 0)

7. A bakery sells cookies for \$2 each.

If Maria buys C cookies and spends a total of \$14, which equation correctly represents the relationship between the number of cookies Maria buys and the total amount she spends?

A) $C = 14 - 2$
B) $C + 2 = 14$
C) $14 \times C = 2$
D) $2 \times C = 14$

(Correct +3, Wrong 0, Blank 0)

8. Today is a Monday, and John checks his calendar to find out what day of the week his vacation begins next month.

If his vacation starts in 50 days, on what day of the week does his vacation begin?

A) Thursday
B) Tuesday
C) Monday
D) Wednesday

(Correct +3, Wrong 0, Blank 0)

9. In a basketball tournament, four teams competed against each other. Each team played against every other team exactly once, with no draws. The final results were as follows:

- Team A won 3 games.
- Team B won 2 games.
- Team C won 1 game.

How many games did Team D win in the tournament?

- A) 0
B) 2
C) 1
D) 3

(Correct +3, Wrong 0, Blank 0)

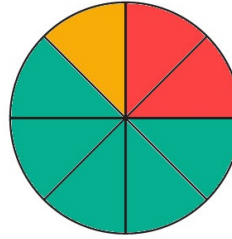
10. In a school, 60 students play soccer, 40 students play basketball, 30 students play both soccer and basketball, and 5 students play none of these sports.

How many students are there in the school?

- A) 130
B) 105
C) 135
D) 75

(Correct +3, Wrong 0, Blank 0)

11. Here is a spinner with eight equal parts.



A teacher spins it once.

What is the probability that the spinner will land on the GREEN part?

- A) $\frac{4}{8}$
B) $\frac{5}{8}$
C) $\frac{2}{8}$
D) $\frac{1}{8}$

(Correct +3, Wrong 0, Blank 0)

12. The product of two numbers is 84 and their difference is 5.

What is their sum?

- A) 7
B) 12
C) 19
D) 24

(Correct +3, Wrong 0, Blank 0)

13. Which of the calculations below has a result with a remainder of 2?

A) $86 : 7$
 B) $78 : 8$
 C) $84 : 5$
 D) $76 : 9$

(Correct +3, Wrong 0, Blank 0)

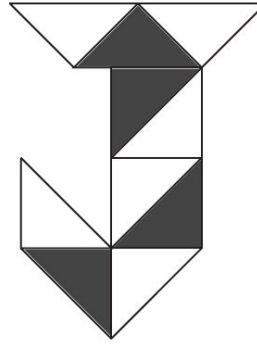
14. Jane spent an average of 2 minutes per question on a 30-question math quiz and she already completed 25 questions.

How many minutes does she have left to complete the remaining questions if the total time allocated for the quiz is 60 minutes?

A) 25
 B) 5
 C) 50
 D) 10

(Correct +3, Wrong 0, Blank 0)

15. Here is a figure of the letter J, made by identical triangles.



How many percent of the letter is shaded?

A) 40%
 B) 25%
 C) 60%
 D) 4%

(Correct +3, Wrong 0, Blank 0)

16. Ali rolls two standard six-sided dice.



What is the probability that the sum of his rolls is even number?

A) $\frac{18}{36}$
 B) $\frac{6}{36}$
 C) $\frac{10}{36}$
 D) $\frac{24}{36}$

(Correct +3, Wrong 0, Blank 0)

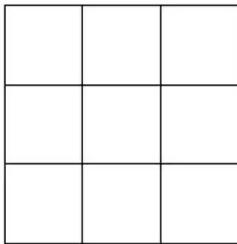
17. A clock needs one battery to work. The battery lasts 8 weeks.

What is the number of batteries that are needed for the clock to work for 1 year?

- A) 5
- B) 8
- C) 7
- D) 6

(Correct +3, Wrong 0, Blank 0)

18. Here is a 3x3 square grid.



How many squares are there in the figure above?

- A) 14
- B) 18
- C) 13
- D) 9

(Correct +3, Wrong 0, Blank 0)

19. It is given that $a * b = (a + b) \times a$. For example, $1 * 2 = (1 + 2) \times 1 = 3$

What is the value of $4 * 5$?

- A) 24
- B) 36
- C) 45
- D) 54

(Correct +3, Wrong 0, Blank 0)

20. How many times does the digit "5" appear from 1 to 100?

- A) 20
- B) 18
- C) 10
- D) 19

(Correct +3, Wrong 0, Blank 0)

21. A math competition paper consists of 10 questions. Each question is worth 3 or 4 points. The total maximum number of points possible is 36. Jane was able to solve all the 3-point questions and half of the 4-point questions.

What is Jane's score? (Write your answer only in numbers.)

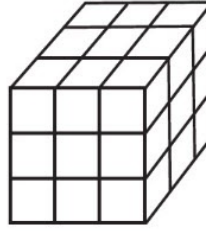
(Correct +4, Wrong 0, Blank 0)

22. James is three times older than his sister Emma. In 5 years, James will be twice as old as Emma.

How old is James now? (Write your answer only in numbers.)

(Correct +4, Wrong 0, Blank 0)

23. Here is a picture of a 3x3 solid cube made of blocks.



The outside of this cube is painted red.

How many blocks of this cube will have 2 red faces? (Write your answer only in numbers.)

(Correct +4, Wrong 0, Blank 0)

24. Amir is thinking of a 3-digit number. The digit in the hundreds place is three times the digit in the ones place, and the digit in the tens place is smaller than the digit in the ones place. The sum of all the digits in the number is 9.

What is the number? (Write only in numbers.)

(Correct +4, Wrong 0, Blank 0)

25. Here are the results of a Mathematics test in Grade 4. The test is scored out of 30 points.

Grade 4 Math Test Results

23	17	11	21	18	24
5	23	10	20	26	19
26	21	21	19	17	21

What is the mode score of this test? (Write only in numbers.)

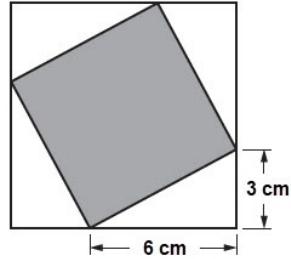
(Correct +4, Wrong 0, Blank 0)

26. A teacher and a student have a combined age of 45. The teacher's age is twice the age of the student.

How old is the teacher? (Write only in numbers.)

(Correct +4, Wrong 0, Blank 0)

27. A student arranges four identical right-angled triangles to make a square.



The area of the shaded square is _____ cm^2 . (Write your answer only in numbers.)

(Correct +4, Wrong 0, Blank 0)

28. Here is a timetable for trains from the city center to the airport.

Depart	Arrive
09:25	09:38
09:30	09:48
09:53	10:05
10:00	10:18
10:08	10:21
10:11	10:28
10:22	10:35
10:23	10:44

Anna's plane leaves at 12:30.
She catches the latest train that gets her to the airport 2 hours before her flight leaves.

The duration of her train journey is _____ minutes. (Write your answer only in numbers.)

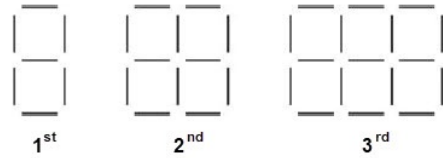
(Correct +4, Wrong 0, Blank 0)

29. There are four friends named Alex, Ben, Chris, and David. They want to form a team of two members to participate in a game. However, they can only select two members from the group.

How many different pairs of friends can be formed? (Write only in numbers.)

(Correct +4, Wrong 0, Blank 0)

30. Here is a sequence of stick patterns.



How many sticks are in the seventh pattern? (Write only in numbers.)

(Correct +4, Wrong 0, Blank 0)

Kompetisi Eduversal Internasional

ikuti event global bergengsi berikutnya bersama Eduversal.



KOMODO INTERNATIONAL MATH COMPETITION "GLOBAL ROUND"

komodocompetition.com

**2-7 Februari 2026
Bali, Indonesia**

Tingkatkan kemampuan matematikamu ke level selanjutnya dengan bersaing melawan siswa pecinta matematika dari mancanegara.



owlypia.org

Stand Out Across Four Challenges
"Speech Craft" "Impromptu"
"Knowledge" "Team Spirit"



OWLYPIA INDONESIA LOCAL ROUND

Medan Local Round	: 6 - 7 Desember 2025
Aceh Local Round	: 13 - 14 Desember 2025
Surabaya Local Round	: 24 - 25 January 2026
Semarang Local Round	: 31 Jan - 1 Feb 2026
Jakarta Local Round I	: 14 - 15 February 2026
Jakarta Local Round II	: 18 - 19 April 2026
Yogyakarta Local Round	: 25 - 26 April 2026
Bandung Local Round	: 2 - 3 May 2026



Application Deadline: December 30, 2025

January 9, 2026 | Jakarta

indonesia.geniusolympiad.org

International Environmental Project Fair for Grade 9-12



*Join now, earn your medal & certificate,
and secure your spot in the Grand Final in Italy!*

MATH, SCIENCE, TECH. & ENG.

Qualification Exams:

1st Option:
23 November 2025

2nd Option:
1 February 2026

*You may choose to participate
on either date, or on both.*

Final Exams:

15 February 2026

BOB* Exams:

1 March 2026
(*the best of the best)

GRADES 1-12

www.stemolympiad.org



**INTERNATIONAL
STEM OLYMPIAD**

Answer Keys

No	Key	Code
1	C	KMF/3400/9Q34F
2	B	KMF/3438/4WJ4T
3	B	KMF/3403/0U4NY
4	A	KMF/3429/WD4C4
5	D	KMF/3397/L6QHC
6	D	KMF/3414/JGDT2
7	D	KMF/3433/93FNF
8	B	KMF/3434/TMWI8
9	A	KMF/3435/UM07O
10	D	KMF/3432/TQJQG
11	B	KMF/3441/FXAY2
12	C	KMF/3420/TBJXG
13	A	KMF/3405/WK4WJ
14	D	KMF/3401/EJ18C
15	A	KMF/3437/1FAKO
16	A	KMF/3407/09RUI
17	C	KMF/3431/LFRU6
18	A	KMF/3409/EIS1T
19	B	KMF/3398/WFWXE
20	A	KMF/3408/MLE4I