

**GIG (Global Intelligence Games) 2026-2027
GRADES 3-4 GROUP - SAMPLE QUESTIONS AND ANSWERS**

Question 1)

QUESTION MARK

Which number will replace the question mark?

2	3
5	6

4	2
6	8

3	1
4	?

- A) 2
- B) 3
- C) 5
- D) 6

Question 2)

Cube

Below are the six different appearances of a cube. One of the figures is drawn incorrectly. Which of the following is the wrong figure?



A



B



C



D



E



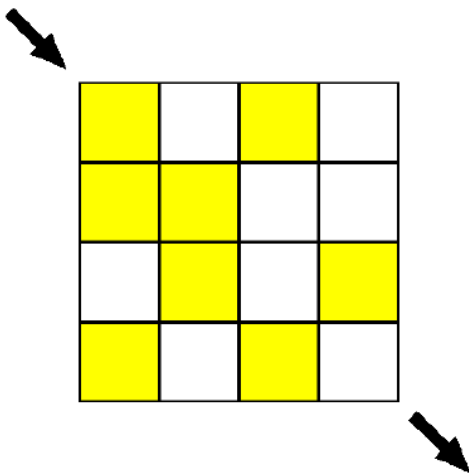
F

- A) A
- B) C
- C) E
- D) F

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Question 3)

LAMPS



The squares with the dim lamps are shown in white, the squares with the lit lamps are shown in yellow. Whichever lamp you touch, the touched lamps and neighboring (horizontal and vertical) squares change their situation. So if it's off, it turns on, if it's on, it goes off.

Turn all the lamps on by touching the least number of lamps. If 1 is entered for the lamps that are touched along the diagonal and 0 is entered for the lamps that are not touched, which following result is obtained?

- A) 0011
- B) 1100
- C) 1001
- D) 0101

Question 4)

RIGHTEOUS-WRONGERS

Four individuals—A, B, C, and D—belong to either the "Truth-tellers" group or the "Liars" group.

- Truth-tellers always speak the truth, while Liars always speak falsely.
- Each group has at least one member.

Knowing which group the others belong to, these individuals make the following statements in turn:

- A: B and D belong to the same group.
- B: C is a Truth-teller.
- C: C and D belong to different groups.
- D: The number of Liars is odd.

Determine the groups to which these four individuals belong.

- A) L-T-T-L
- B) T-T-L-L
- C) L-T-T-L
- D) T-L-L-T

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Question 5)

COLLECT-COLLECT

	10	24	12	
14				23
16				
30				
	9			

Obtain the sums shown in diagonal squares by placing the numbers from 1 to 9 in empty squares. The number above the diagonal gives the sum of the squares on the right, and the number below the diagonal gives the sum of the squares below itself. Finally, what is the sum of the numbers in blue squares?

Note:

-Each number will be used only once during the add up.

- A) 11
- B) 19
- C) 26
- D) 33

Question 6)

DELETE BOX

Correct the equation by deleting one of the boxes in each of the following questions. What will be the final numbers in the equation be?

Tip: Multiplication and division are prioritized over addition and subtraction in operations.

6.A

$$9 - 2 = 6 \times 1 \quad 1 - 5 + 9$$

6.B

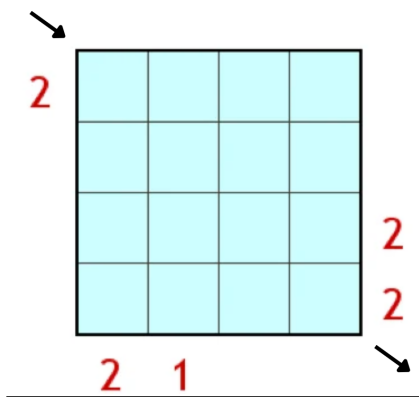
$$6 \quad 4 - 8 \quad 9 = 6 / 2 + 5 \quad 3$$

- A) 9-32
- B) 7-48
- C) 9-48
- D) 7-56

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Question 7)

APARTMENTS



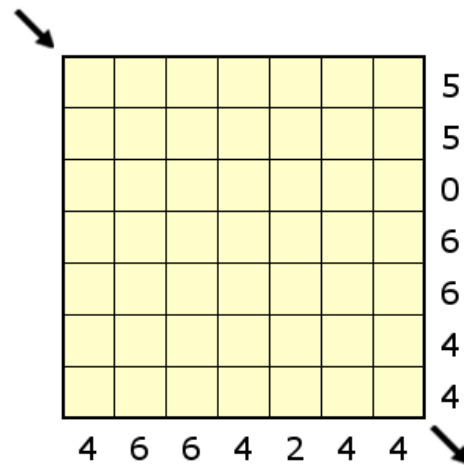
There are four buildings with heights ranging from 1 to 4 in each row and column. Given that the numbers outside the grid indicate the number of buildings visible from that direction, and that no two buildings in the same row or column have the same height, determine the heights of all the buildings.

Enter the numbers along the diagonal indicated by the arrow in sequence, without any spaces between them.

- A) 2-2-3-4
- B) 3-3-4-2
- C) 4-3-3-2
- D) 3-2-4-3

Question 8)

TABLES



Place rectangular tables—each with dimensions of at least 2x2—onto the grid such that no two tables touch, not even diagonally. The numbers to the right of and below the grid indicate the number of table segments in that row or column.

As your answer, enter the state of the squares along the diagonal indicated by the arrow (use 'M' for squares containing a table and 'B' for empty squares).

- A) B-M-B-M-B-B-B
- B) B-M-M-M-B-B-M
- C) M-M-B-B-M-M-M
- D) M-B-B-M-B-B-M

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Question 9)



Wise Hakan and Wise Kağan, the country's two most talented mathematicians, faced each other at the palace, vying for the position of the king's chief advisor. The king placed seven mysterious seals before them, bearing the numbers 2, 3, 4, 5, 6, 7, and 8, respectively.

Wise Hakan randomly selected three seals from the box and put them in his pocket without showing them to anyone.

Wise Kağan then randomly took two of the remaining seals and placed them in his pouch.

The last two seals remained in the box.

Wise Hakan looked only at the numbers on the three seals he held, then turned to his rival and said:

"I am absolutely certain that the sum of the numbers on the seals in your pouch is an even number!"

Based on this information, what is the maximum possible sum of the numbers on the three seals Wise Hakan selected?

- A) 15 B) 17 C) 19 D) 21

Question 10)

Eray is conducting online research for a mathematics project and finds four excellent videos to watch in sequence.

The durations of these videos are as follows:

1st Video (The Mystery of Numbers): 5 minutes 37 seconds

2nd Video (Numbers in Ancient Civilizations): 7 minutes 48 seconds

3rd Video (If There Were No Numbers): 10 minutes 28 seconds

4th Video (Numbers in the Future): 8 minutes 27 seconds

Eray plans to watch these videos in order. However, between each video (i.e., when transitioning from one video to the next), two 15-second advertisements appear.

Eray presses "Play" on the first video and remains at the screen without interruption until the final second of the fourth video. Based on this, for how many minutes and seconds in total—including the advertisements—did Eray watch the videos?

- A) 30 minutes 14 seconds
B) 30 minutes 20 seconds
C) 32 minutes 14 seconds
D) 33 minutes 50 seconds

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Question 11)



Sinan and Asya board the same bus.

Sinan counts the rows of seats from the front of the bus to the back and sits in the 26th row.

Asya counts the rows from the back of the bus to the front and sits in the 14th row.

When they find themselves next to each other, they are sitting in the exact same row.

Based on this, how many rows of seats are there in total on this bus?

- A) 45 B) 40 C) 39 D) 38

Question 12)



A cute monster shoe store has 20 shoe shelves, with 9 pairs of colorful shoes on each shelf.

The store's customers were 8 cute octopuses preparing for a birthday party. Of these octopuses:

- 5 of them bought 20 pairs of shoes each because they were very fancy,
- And the other 3 bought 4 pairs of shoes each from the simpler models.

After the monsters bought their shoes and went to the party, how many pairs of shoes remained on the shelves in the store?

- A) 68 B) 88 C) 112 D) 180

Question 13)



Derin finds a dusty, thick, leather-bound adventure book, while rummaging through the attic of her grandfather's house over the weekend. He wants to open and read the book he found with excitement. After starting to read the story for a while, he realized that the events in the story did not match, there was a great disconnection in between. When he looks carefully at the book, he realizes that some pages are torn from the middle of the book and that it is written 52 on the left page and 85 on the right page of the book.

Accordingly, how many sheets are missing between pages 52 and 85 in this adventure book that Derin reads?

- A) 14 B) 16 C) 22 D) 33

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GRADES 3-4 GROUP - SAMPLE QUESTIONS AND ANSWERS

Question 1) Answer : 3

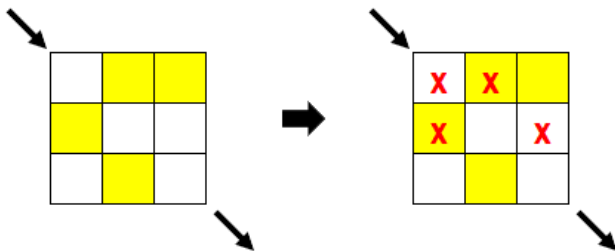
Question 2) Answer : E

Question 3)

As the answer, enter 1 for the squares you touch along the diagonal shown by the arrow, and 0 for the squares you do not touch.

Example:

If the question was asked for the table on the left, the solution would be the table on the right and 100 would be entered as the answer.



Answer : 0011

Question 4)

Enter your answer in the correct order from A to D by entering the letter D for the correctors and Y for falsers. For example, if B was false and the others were correct, you would enter DYDD as the answer.

Answer : YDDY

Question 5)

Enter the sum of the numbers in the blue squares as the answer.

Example:

If the question was asked for the table below, the solution would be as on the right and 16, which is the sum of the numbers 2, 7, 5 and 2, would be entered as the answer.

	9	18	29	
19				14
30				
11				
	10			

→

	9	18	29	
19	2	8	9	14
30	6	7	8	9
11	1	2	5	3
	10	1	7	2

Answer : 19

Question 6)

Enter the number that forms the equation as the answer.

Example:

If the question had been asked as follows, the solution would have been as on the right and 8 would have been entered as the answer.

$$4 \times 2 = 8 \quad 7 - 7 \times 9 \rightarrow 4 \times 2 = 8 \quad 7 - 7 \times 9 \rightarrow 8 = 8$$

Answer :

6.A: 7

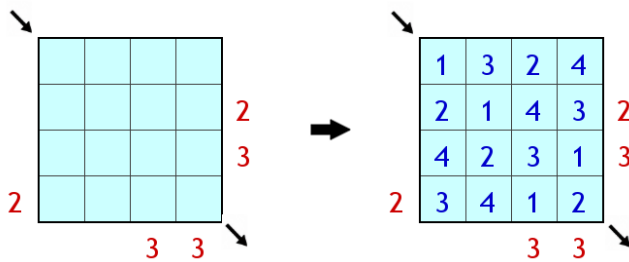
6.B: 56

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Question 7)

Example:

If the question was asked for the table below, the solution would be the table on the right and 1132 would be entered as the answer.

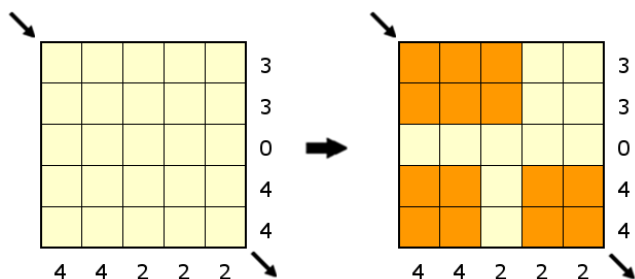


Answer : 3243

Question 8)

Example:

If the question was asked as follows, the solution would be the table on the right and MMBMM would be entered as the answer.



Answer: BMBMBBB

Question 9)

Numbers on seals: 2, 3, 4, 5, 6, 7, 8

Even numbers: 2, 4, 6, 8 (4 pieces)

Odd numbers: 3, 5, 7 (3 pieces)

Wise Hakan takes 3 seals,

Wise Kağan randomly takes 2 of the remaining 4 seals.

Hakan says:

"I am absolutely sure that the sum of the numbers on the seals in your bag is even."

Wise Hakan does not know which two seals Wise Kağan will take. Despite this, he is sure that no matter which two seals are selected, the sum will be double.

For the sum of two numbers to always be even, all of the selected seals must be even or all odd. This means that Hakan must have taken all three odd numbers: 3, 5 and 7

Total: $3 + 5 + 7 = 15$

ANSWER : 15

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Question 10)

ANSWER: 33 minutes and 50 seconds

Let's collect the duration of the videos first.

5 minutes 37 seconds + 7 minutes 48 seconds + 10 minutes 28 seconds + 8 minutes 27 seconds = 32 minutes 20 seconds

Now let's add the ad times.

Since there are 4 videos, there are 3 video transitions.

In each transition: 2 ads $\times$ 15 seconds = 30 seconds

In 3 passes: $3 \times 30 = 90$ seconds = 1 minute 30 seconds

Finally, let's collect them all.

32 minutes 20 seconds + 1 minute 30 seconds = 33 minutes 50 seconds

Question 11)

ANSWER : 39

Sinan sits in the 26th row when counting from the front.

Asya sits in the 14th row when she counts from behind.

Since the two are sitting in the same row, we count this row from both sides.

So we add the numbers, but since the same order counts twice, we subtract 1.

$$26 + 14 - 1 = 39$$

Question 12)

ANSWER : 68

First, let's find out how many pairs of shoes are in the store at the beginning.

$$20 \times 9 = 180 \text{ pairs of shoes}$$

Now let's find the shoes sold.

$$5 \times 20 = 100 \text{ pairs}$$

$$3 \times 4 = 12 \text{ pairs}$$

$$\text{Total sold: } 100 + 12 = 112 \text{ pairs}$$

Now let's find the number of shoes left in the store.

$$180 - 112 = 68 \text{ pairs}$$

Question 13)

ANSWER : 16

If it says 52 to the left of the book, normally page 53 should come immediately afterwards. Since it says 85 on the right, the page just before 85 is page 84. So, the pages from 53 to 84 have been broken in the middle.

Let's find out how many pages there are from 53 to 84:

$$84 - 53 + 1 = 32 \text{ pages}$$

One sheet of the book has 2 pages, front and back. To find out how many leaves the 32 pages are, let's divide 32 into 2:

$$32 / 2 = 16 \text{ sheets}$$