

**GIG (Global Intelligence Games) 2026-2027**

**PRESCHOOL 5 AND 6-YEAR-OLD AGE GROUP – SAMPLE QUESTIONS AND ANSWERS**

**Question 1)**

**QUESTION MARK**

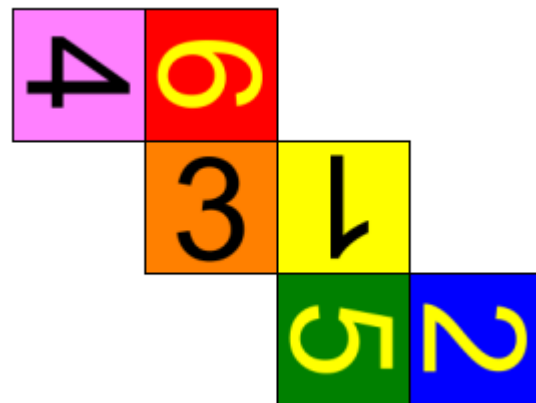
Which number will replace the question mark?



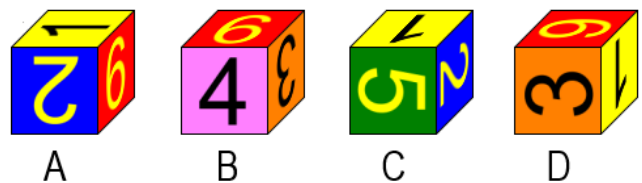
- A) 0
- B) 1
- C) 2
- D) 3

**Question 2)**

**Cube**



Which of the following is the cube that can be obtained by folding the open shape?

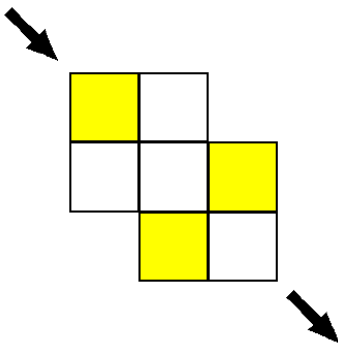


- A) A
- B) B
- C) C
- D) D

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**Question 3)**

**LAMPS**



The squares with the dim lamps are shown in white, the squares with the burning lamps are shown in yellow. Whichever lamp you touch, the lamps in itself and neighboring (horizontal and vertical) squares change the situation. So if it's dim, it burns, if it's burned, it goes out.

We turn on all the lamps by touching the least number of lamps. Which of the following results is found when 1 is written for lamps touched in the direction of arrows and 0 for lamps that are not touched?

- A) 011
- B) 101
- C) 110
- D) 001

**Question 4)**

**RIGHTEOUS-WRONGERS**

2 people named A and B are members of the "Rights" or "Wrongs" group.

-Righteous people are always right, wrongdoers are always wrong.

These people, who know which group they belong to each other, make the following suggestions in turn:

- A: B is wrong.
- B: We are both in the same group.

Find the groups these 2 people belong to.

- A) D-Y
- B) Y-D
- C) D-D
- D) Y-Y

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**Question 5)**

**COLLECT-COLLECT**

|    |    |   |
|----|----|---|
|    | 16 | 7 |
| 15 |    |   |
| 8  |    |   |

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. What is the sum of the numbers to the blue squares?

Note:

-In the addition operations, each number will be used at most once.

- A) 8
- B) 10
- C) 11
- D) 13

**Question 6)**

**DELETE BOX**

Correct the equation by deleting one of the boxes in each of the following questions. Find the numbers that provide the equations.

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

6.A

$$\boxed{2} + \boxed{2} = \boxed{6} \quad \boxed{4} \times \boxed{2} / \boxed{2}$$

6.B

$$\boxed{1} \times \boxed{6} = \boxed{9} \quad \boxed{9} - \boxed{9} \times \boxed{3}$$

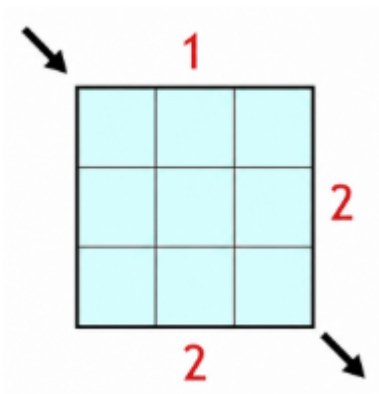
- A) 2 - 6
- B) 4 - 8
- C) 4 - 6
- D) 8 - 8

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**Question 7)**

**APARTMENTS**



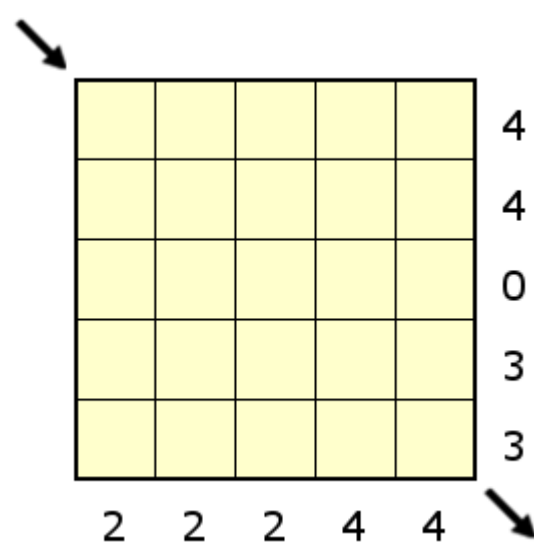
There are 3 apartments with heights from 1 to 3 in each row and each column. Since the numbers outside the table indicate the number of apartments seen from that direction and that there are no two apartments with the same height in any row or column, find the heights of all apartments.

Enter the numbers in the diagonal indicated by the arrow as the answer in order and without leaving a space between them.

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

**Question 8)**

**TABLES**



Place the rectangular tables, which are at least 2x2 in size, on the table so that they do not touch each other, even if they are diagonally. The numbers to the right and below the table show the number of table pieces in that row or column.

Enter the status of the squares (M for squares with tables, B for empty squares) along the diagonal indicated by the arrow in response.

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

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**Question 9)**



Divide the fish in the pool into groups of 3 and circle them.

Accordingly, how many fish are there that do not fall into the groups?

- A) 0      B) 1      C) 2      D) 3

**Question 10)**



Sinan in blue clothes and Asya in pink clothes are playing catch in the park.

Sinan starts from the number 1 stone and jumps forward every time 3 stones at once. Asya, on the other hand, starts from the number 7 stone and jumps forward 2 stones each time.

Let's jump them by numbers with your finger!  
When Sinan catches Asya, on which colored stone do they both meet?

- A) BLUE  
B) GREEN  
C) YELLOW  
D) RED

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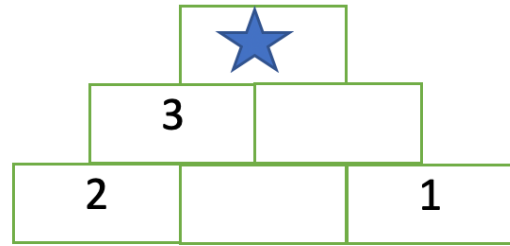
**Question 11)**



Little Tilkican wants to paint the map of the country of TILKILAND. But there is a rule: Side-by-side areas cannot be the same color. How many different crayons does at least need for the little Tilkican to complete the map?

- A) 2
- B) 3
- C) 4
- D) 5

**Question 12)**



Each box shows the sum of the two boxes underneath.

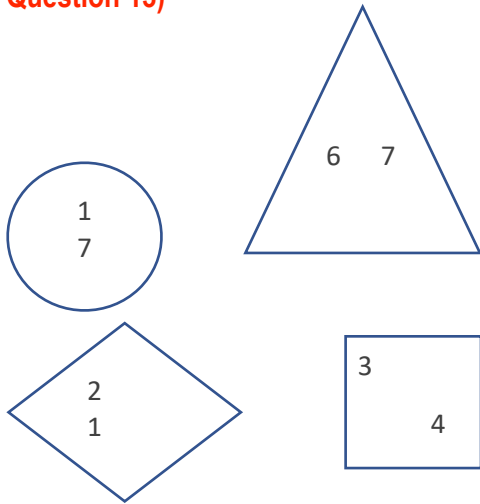
★ Which number should you write in place of the empty star?

- A) 2
- B) 3
- C) 4
- D) 5

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**Question 13)**



Which of the following options can be shapes with only numbers less than 5 in them?

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

## GIG (Global Intelligence Games) 2026-2027 PRESCHOOL 5 AND 6-YEAR-OLD AGE GROUP – SAMPLE QUESTIONS AND ANSWERS

### Preschool sample questions and answers for 5 and 6 year olds.

**Question 1)** Answer : 1

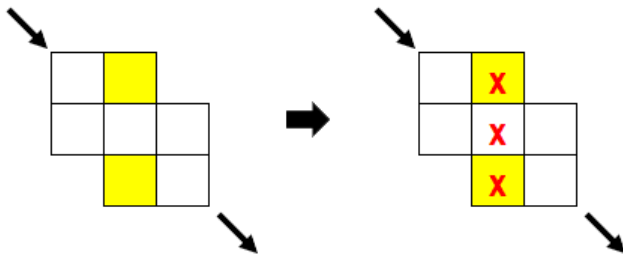
**Question 2)** Answer : C

#### 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 010 would be entered as the answer.



**Answer :** 011

#### Question 4)

Enter the correct answers in alphabetical order from A to B; write D for the correct answer and Y for the incorrect answer. For example, if A is incorrect and B is correct, write YD as the answer.

**Answer :** DY

#### 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 6, which is the sum of the numbers 2 and 4, would be entered as the answer.

|    |   |    |
|----|---|----|
|    |   |    |
|    | 3 | 13 |
| 11 |   |    |
| 5  |   |    |

→

|    |   |    |
|----|---|----|
|    |   |    |
|    | 3 | 13 |
| 11 | 2 | 9  |
| 5  | 1 | 4  |

**Answer :** 10

#### 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.

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

**Answer :**

6.A: 4

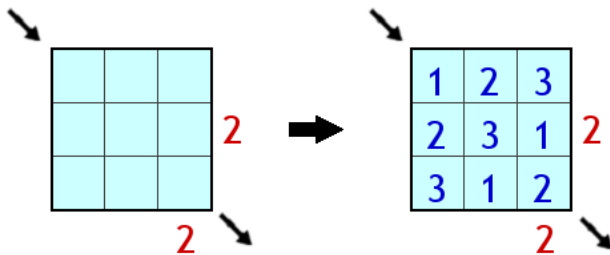
6.B: 6

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### Question 7)

Example:

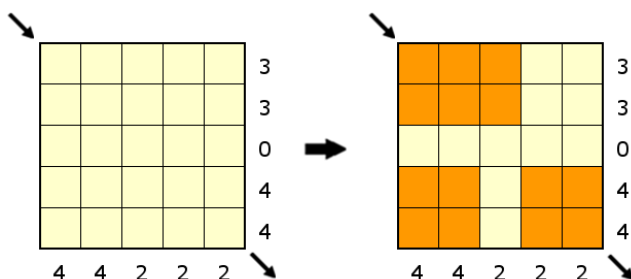
If the question was asked for the table on the left, the solution would be the table on the right and 132 would be entered as the answer.



Answer : 213

### 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 : MMBMM

### Question 9)

There are a total of 13 fish in the pool. If we divide the fish into groups of 3, we will have a total of 4 groups. 1 fish is excluded from the group.

**ANSWER: 1**

### Question 10)

Sinan starts from the number 1 stone and goes forward 3 stones each time:

1 → 4 → 7 → 10 → 13 → 16 → 19 → 22  
→ ...

Asia starts from stone number 7 and goes 2 stones forward each time:

7 → 9 → 11 → 13 → 15 → 17 → 19 → 21  
→ ...

Common stones that both of them step on:

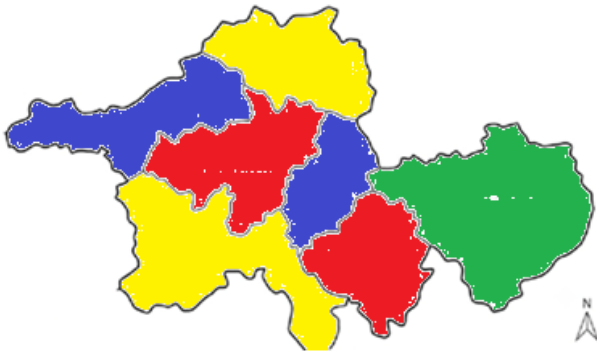
7, 13, 19, 25, ...

**ANSWER : 19 GREEN STONE**

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**Question 11)**



TOTAL 4 COLORS

**ANSWER : 4**

**Question 12)**

**ANSWER: 5**

Let's find the empty box in the bottom row:

Since  $2 + (\text{empty box}) = 3$ , the empty box = 1

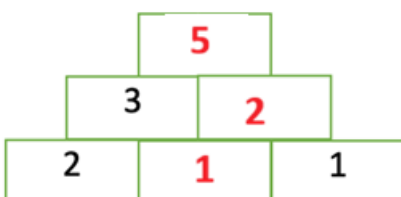
Now let's find the empty box in the middle row:

$(\text{Empty box}) + 1 = 1 + 1 = 2$

Finally, let's find the star:

- $3 + 2 = 5$

★ The number you need to write in place of the star: 5



**Question 13)**

**ANSWER: B is style.**