





Date : 12th Jan 2024

Logical Reasoning – Figure Based (Miscellaneous)

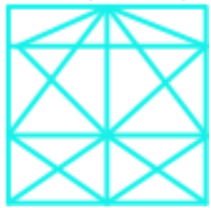
English





Q:1 Select the option that is embedded in the given figure (rotation is NOT allowed).



1. 
2. 
3. 
4. 





Q:2 Choose the image that is embedded/hidden in the given figure.



1. 
2. 
3. 
4. 

Q:3 Choose the correct water image of the given figure:



1. 
2. 
3. 
4. 

Q:4 How many triangles are there in the given figure?



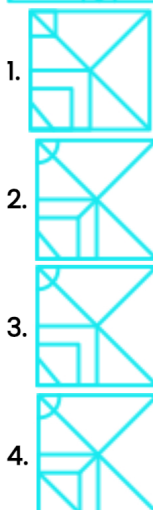
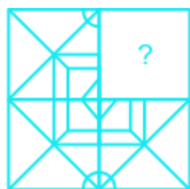
1. 19
2. 20
3. 15
4. 17

Q:5 Which image will complete the question figure?

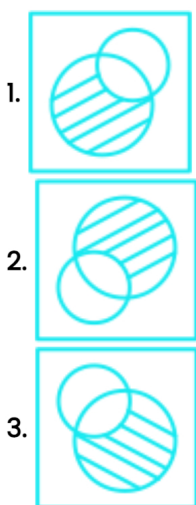
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English

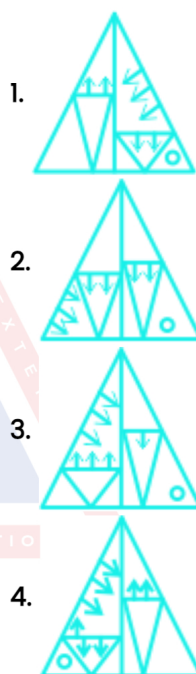


Q:6 If a mirror is placed on the line AB, which of the option figures shows the correct image of the given question figure?

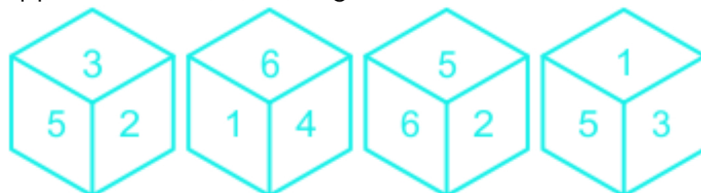


4. None of these

Q:7 Choose the mirror image of the given figure if a mirror AB is placed on the right side of the figure as shown below:



Q:8 Four different positions of the same dice are shown. Select the number that will be on the face opposite to the one having 5.



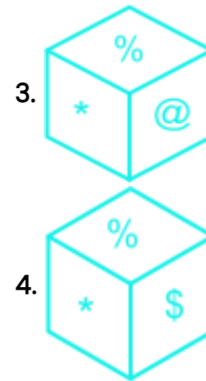
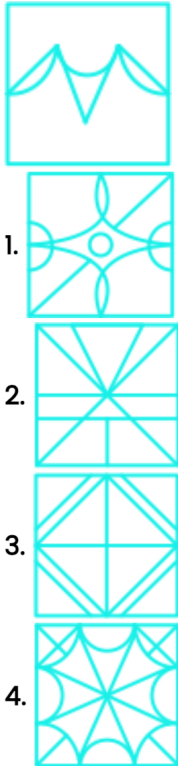
1. 6
2. 2
3. 4
4. 1

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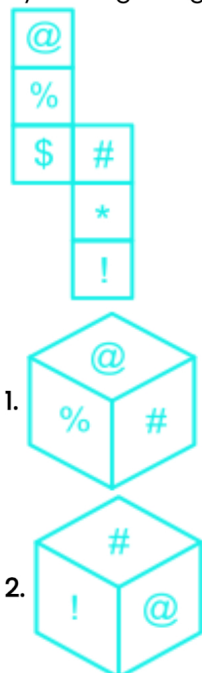
Logical Reasoning – Figure Based (Miscellaneous)

English

Q:9 Choose the figure in which the given figure is embedded/hidden.



Q:10 Select the answer figure that can be formed by folding the given sheet along the lines.



Answer Key

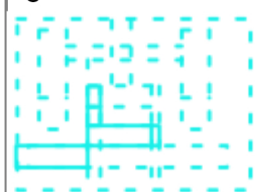
1. (4)	2. (1)	3. (1)	4. (1)	5. (2)
6. (3)	7. (1)	8. (3)	9. (4)	10. (1)

Answers and Solutions

Q:1 The correct answer is **option 4**

Understanding

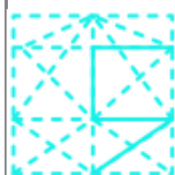
Option 4 is embedded in the given figure as shown below:



Q:2 The correct answer is **Option 1**.

Understanding

The figure in option 1 is embedded in the question figure, as shown below:



Q:3 The correct answer is **Option 1**

The water image of the question figure is shown below:

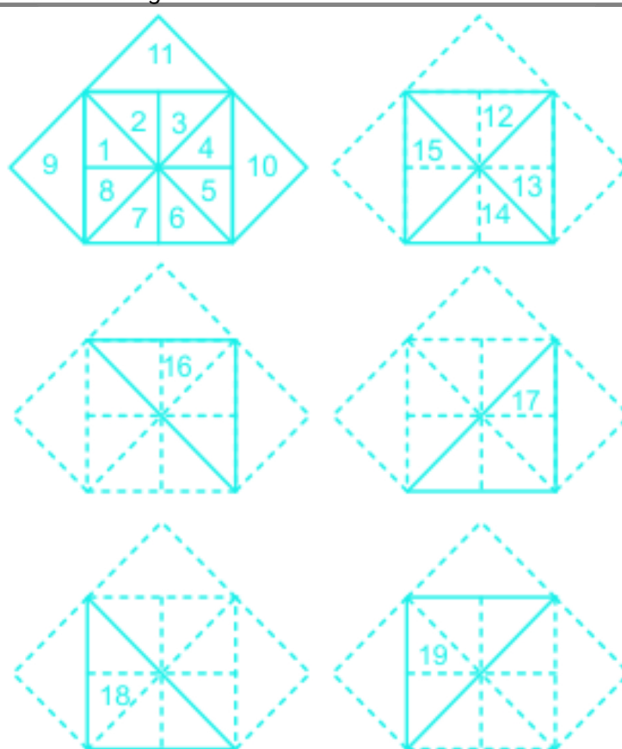


Since the mirror (that is, water in this case) is placed below the question figure, hence the left and right sides of the figure will remain the same and the image will get vertically inverted, i.e. the

upper side of the figure will become the lower side and vice versa.

Q:4 The correct answer is **Option 1** i.e. 19

Understanding

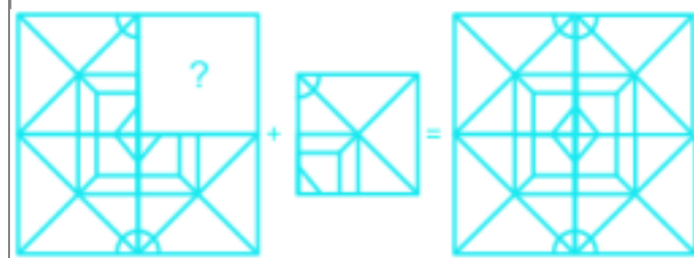


There are **19 triangles**.

Q:5 The correct answer is **Option 2**

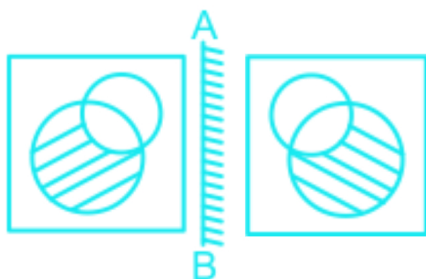
Understanding

The figure given in option 2 will complete the pattern, as shown below:



Q:6 The correct answer is **Option 3**

The mirror image of the given figure along the mirror is shown below:



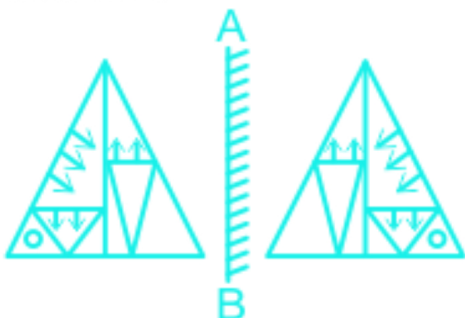
Note: Since the mirror is placed vertically beside the question figure, the image will be formed by inverting the question figure horizontally about the mirror.

That means the left side of the figure will become the right side and vice versa.

Hence, option 3 is correct.

Q:7 The correct answer is **Option 1**

The mirror image of the given figure along mirror is shown below:



Note: Since the mirror is placed vertically beside the question figure, the image will be formed by inverting the question figure horizontally about the mirror.

That means the left side of the figure will become the right side and vice versa.

Q:8 The correct answer is **Option 3** i.e. **4**.

From the first dice 5 is not opposite to 3 and 2.

From the third dice 5 is not opposite to 6.

From the fourth dice 5 is not opposite to 1.

From the above statements, we can conclude that 5 is not the opposite to 1, 2, 3, and 6.

Hence **5** is opposite to the remaining number **4**.

Q:9 The correct answer is **Option 4**

The given figure is embedded in option 4, as shown below:



Q:10 The correct answer is **Option 1**.

Given:

@ is opposite to \$.

is opposite to !.

% is opposite to *.

In option 1, all given conditions are satisfied.

In option 2, # is not opposite to !.

In option 3, % is not opposite to *.

In option 4, % is not opposite to *.

Hence, **option 1** is the correct answer.