



Answer Sheet

Paper Name: NVR-Set 1-8

Paper ID: CUSTOM-NVR-716DC83ADF

Full Name:



**YOU MUST ANSWER ON THIS SHEET. TAKE A PICTURE USING THE EXAM HAPPY APP
AFTERWARDS TO MARK YOUR WORK.**

How to answer:



A



B



C



D



E

How not to answer:



A



B



C



D



E

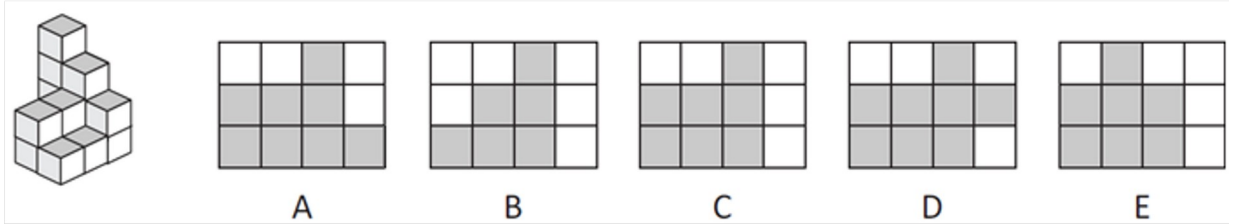
Use the **free Exam Happy app** to **view the average** for this paper and learn from **video solutions**

01	A	B	C	D	E
02	A	B	C	D	E
03	A	B	C	D	E
04	A	B	C	D	E
05	A	B	C	D	E
06	A	B	C	D	E
07	A	B	C	D	E
08	A	B	C	D	E
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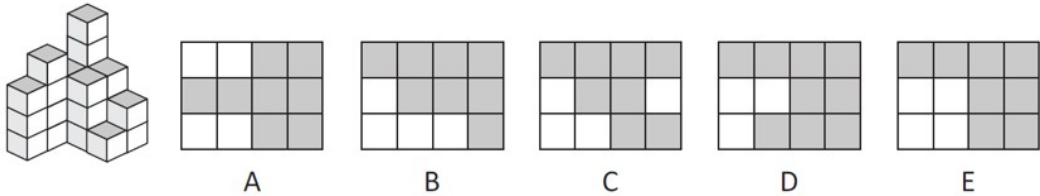
Which of the 2D plan views on the right is a **view from above** of the 3D shape on the left?

Example

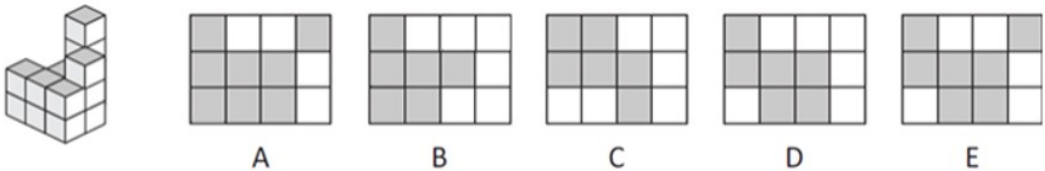


Answer C

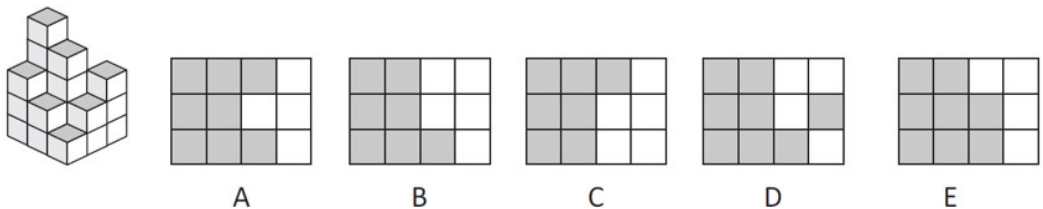
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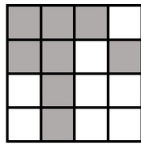
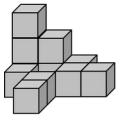
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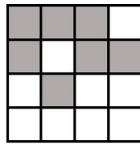
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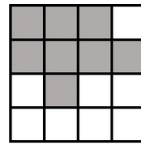
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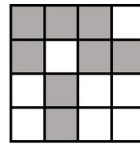
A



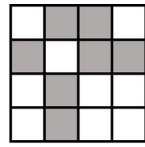
B



C

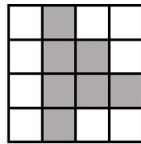
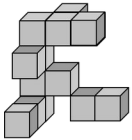


D

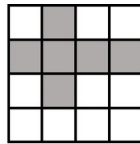


E

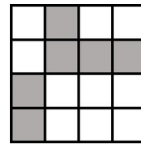
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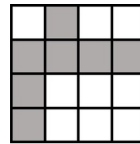
A



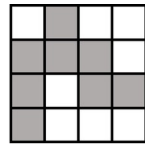
B



C

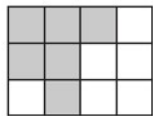
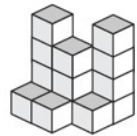


D

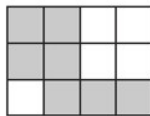


E

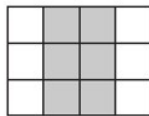
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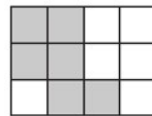
A



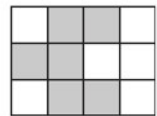
B



C

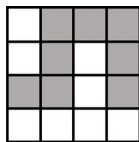
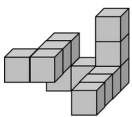


D

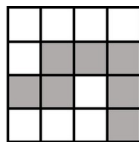


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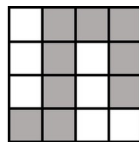
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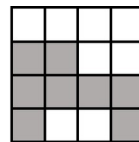
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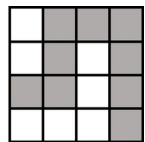
B



C

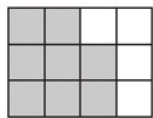
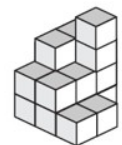


D

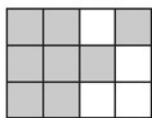


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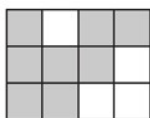
8.



A



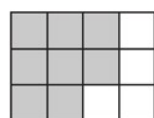
B



C

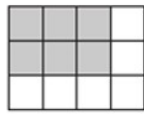


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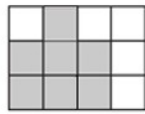


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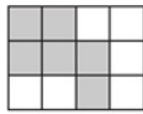
9.



A



B



C

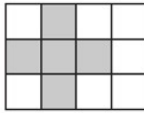
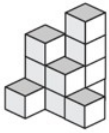


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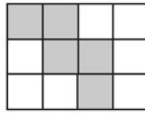


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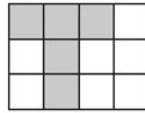
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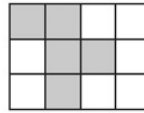
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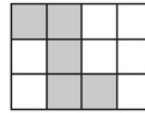
B



C



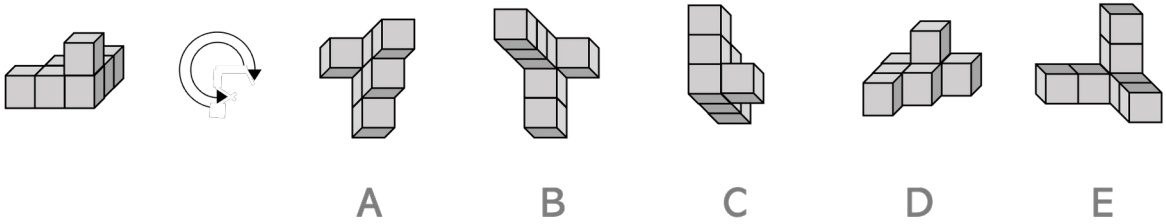
D



E

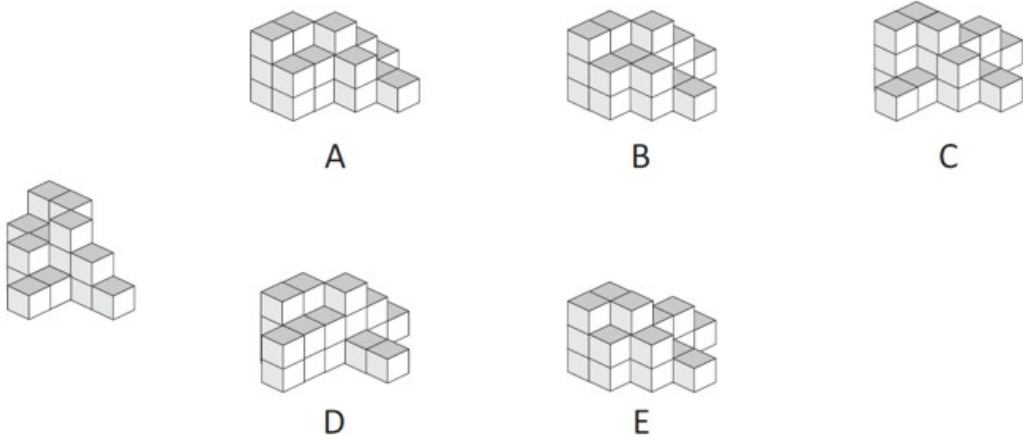
Examine the shape on left side can be turned around in different ways. Figure out the shape on the right side which we can get after rotating the shape on the left.

Example

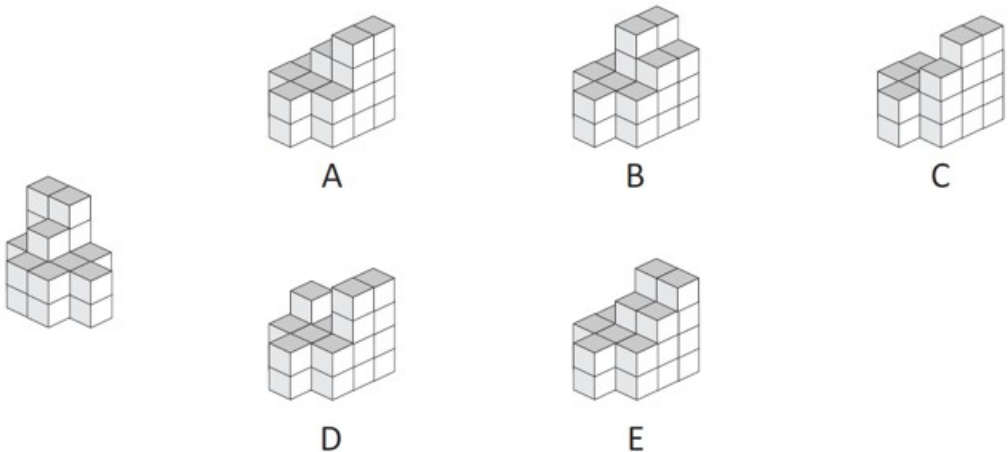


Answer C (The shape rotates 90° clockwise)

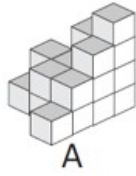
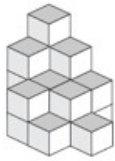
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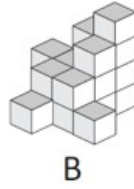
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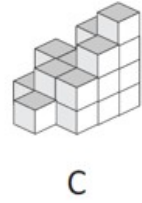
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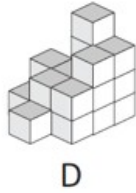
A



B



C



D

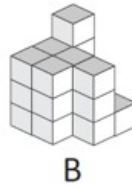


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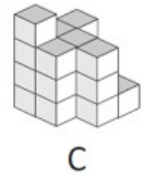
14.



A



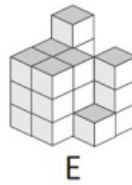
B



C

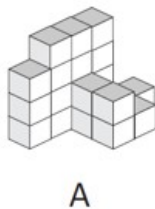
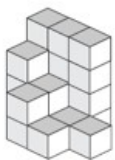


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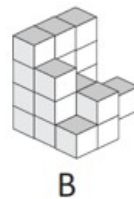


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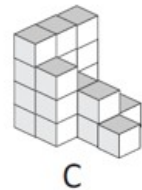
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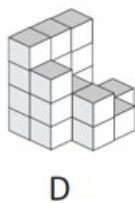
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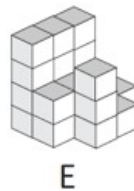
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C

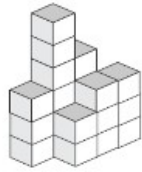
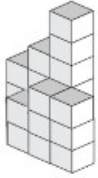


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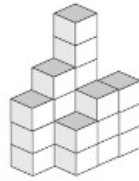


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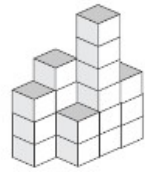
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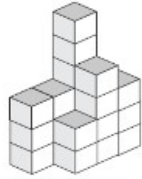
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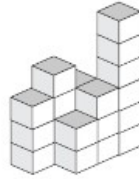
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C

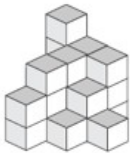


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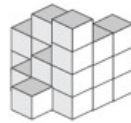


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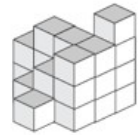
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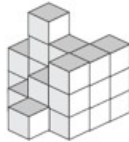
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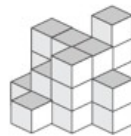
B



C

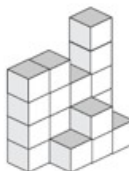
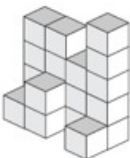


D



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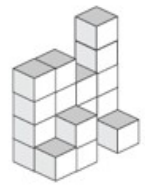
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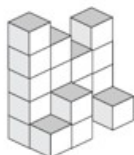
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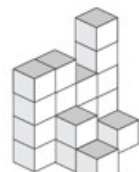
B



C

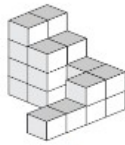
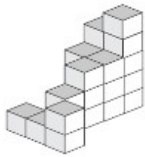


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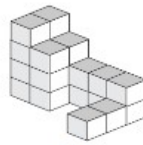


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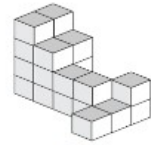
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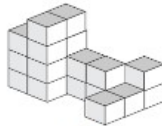
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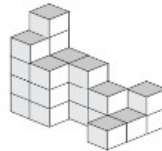
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C

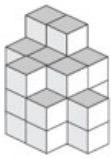


D



E

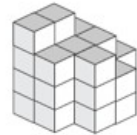
20.



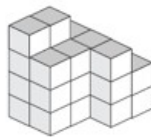
A



B



C



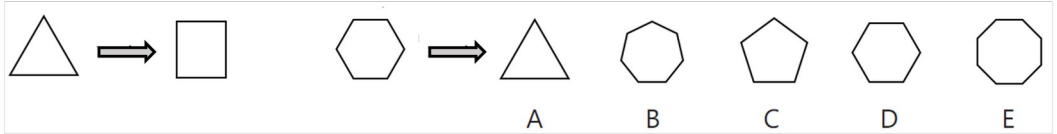
D



E

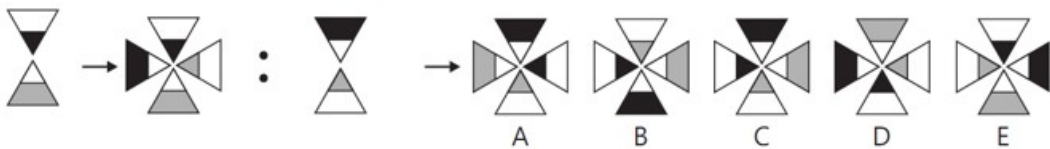
Identify the pattern between the **first pair of shapes**. This same pattern must be applied to the given shape to find the answer. Choose the correct figure from the options on the right.

Example



Answer B (One more side)

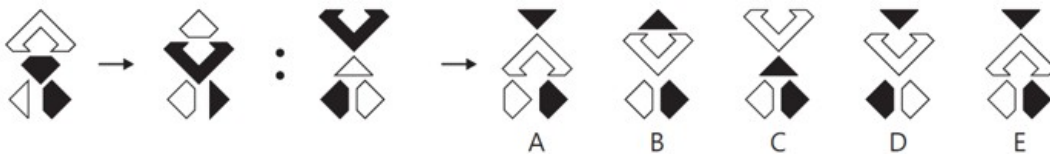
21.



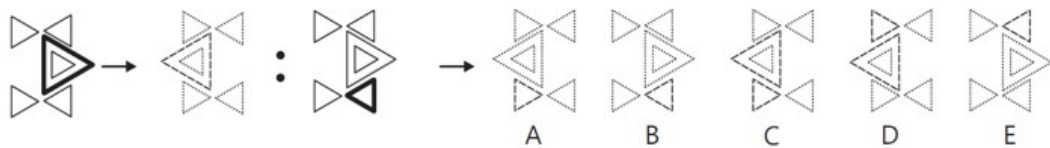
22.



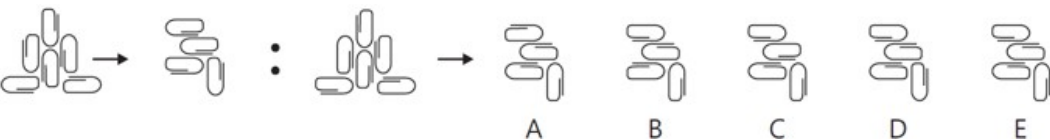
23.



24.

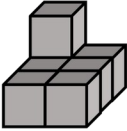


25.



Examine the 3D figure made from identical blocks. There are some blocks that are hidden from view. Work out **how many individual blocks** make up the 3D figure and mark the correct option on your answer sheet.

Example



10

7

12

5

9

A

B

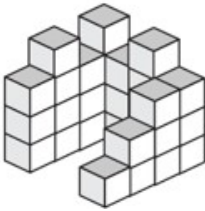
C

D

E

Answer B (There are six blocks on the bottom and one block on the top)

26.



31

27

28

29

30

A

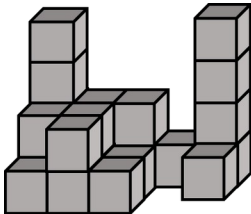
B

C

D

E

27.



23

20

18

24

22

A

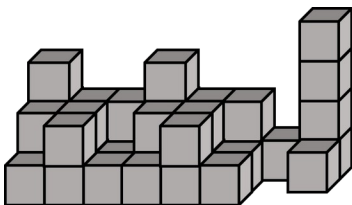
B

C

D

E

28.



35

36

38

40

37

A

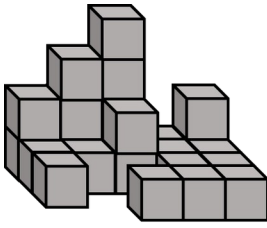
B

C

D

E

29.



21

23

26

22

24

A

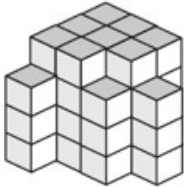
B

C

D

E

30.



40

35

41

42

39

A

B

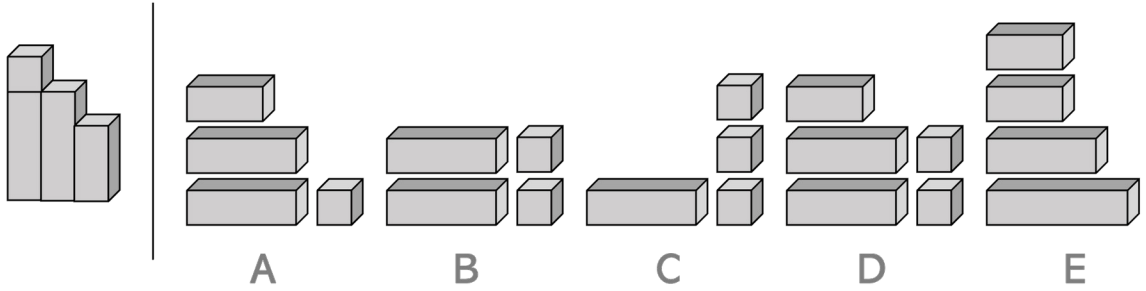
C

D

E

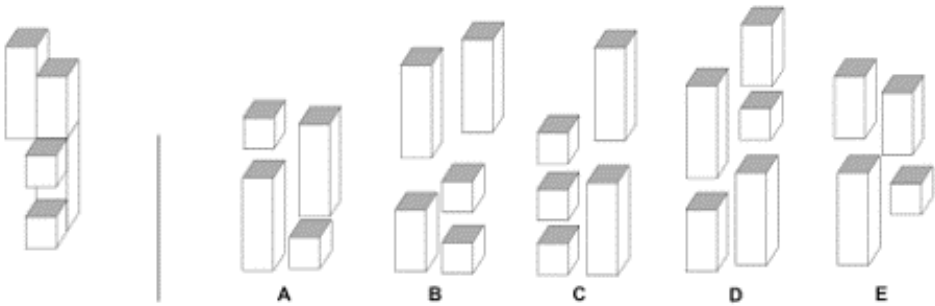
Examine the 3D figure on the left. Which group of blocks on the right can be used to **make the figure** on the left? Mark the correct option on your answer sheet.

Example

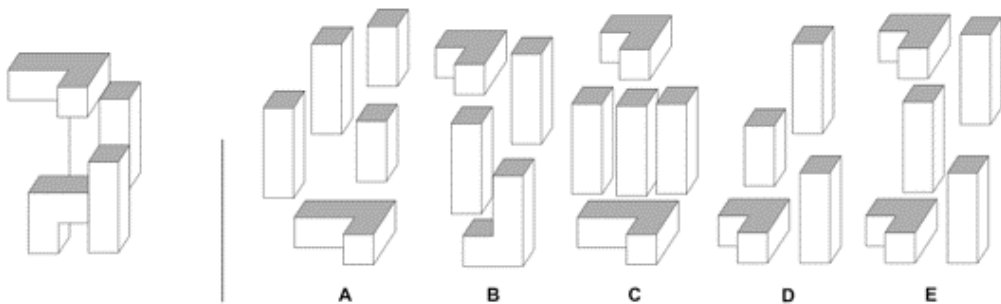


Answer A

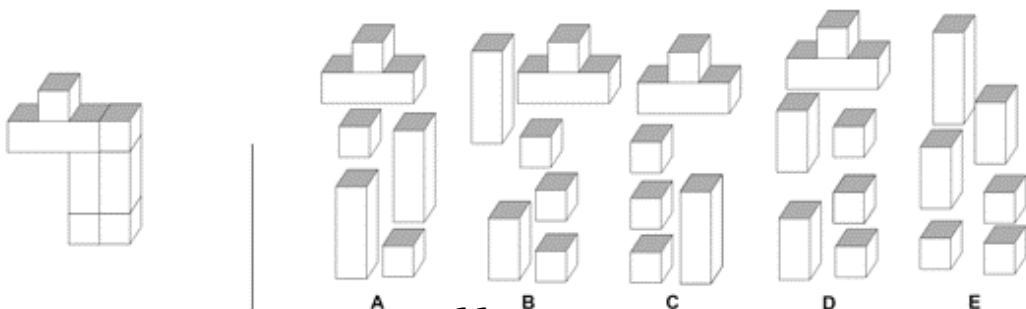
31.



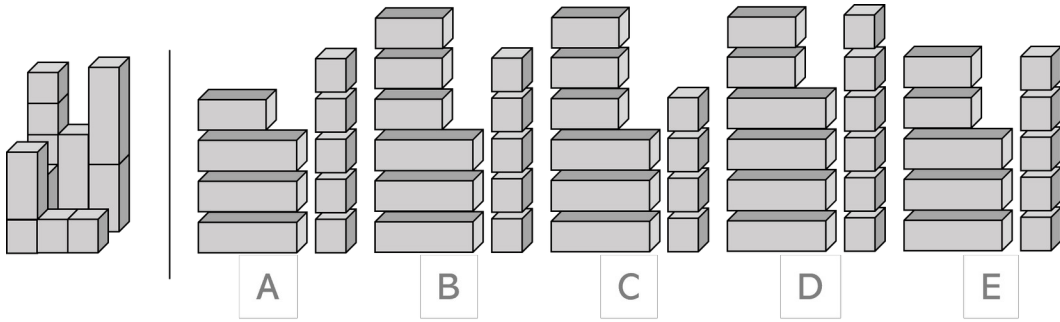
32.



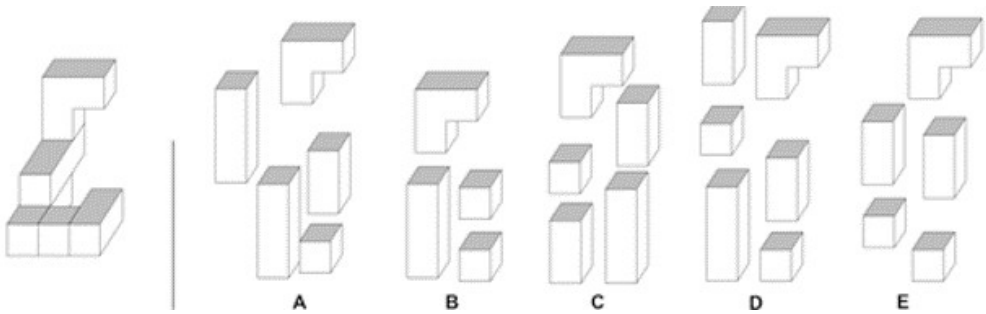
33.



34.

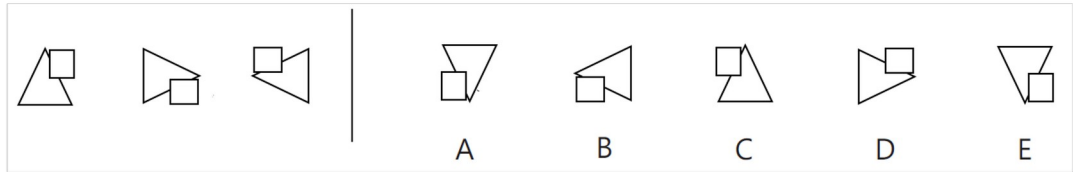


35.



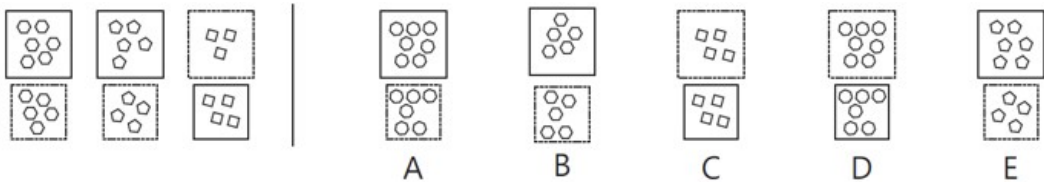
On the left in the example below, there are three figures that are alike. On the right, there are five more figures: one of these is **most like** the three figures on the left. Find this figure and mark its letter on your answer sheet.

Example

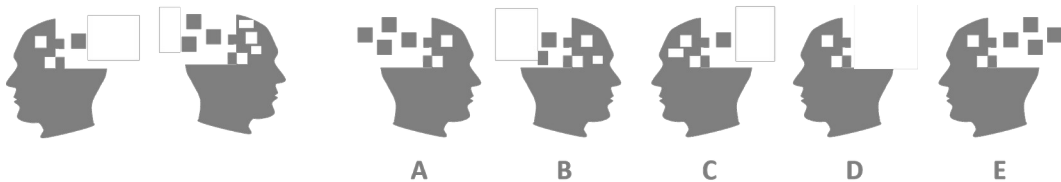


Answer A (the shapes are all rotations of one another)

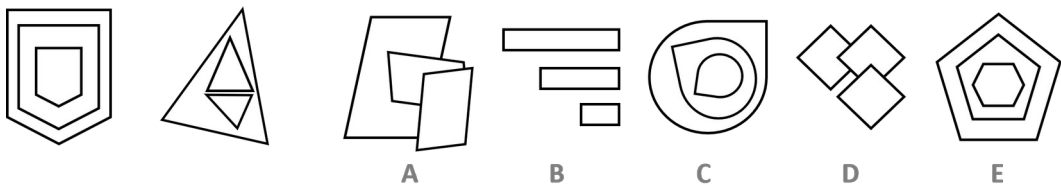
36.



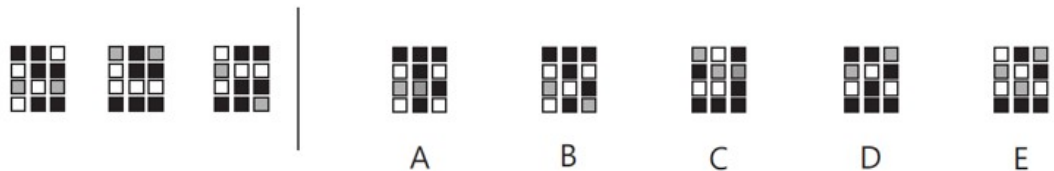
37.



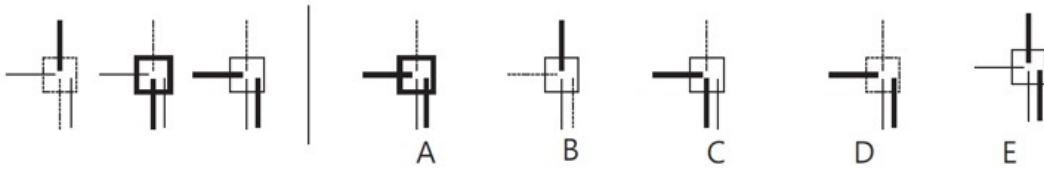
38.



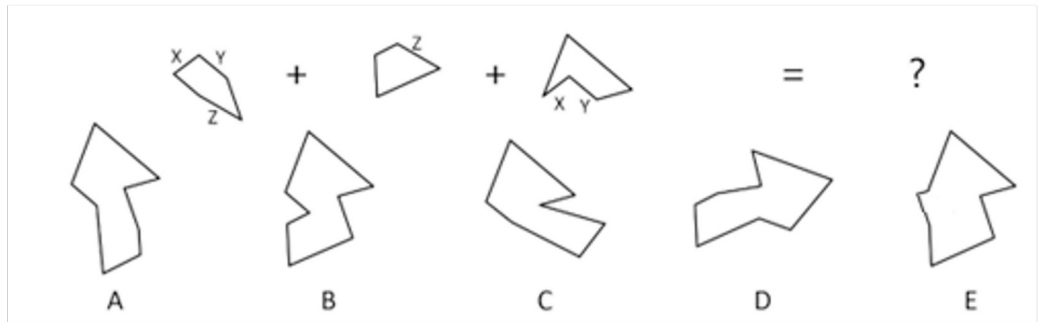
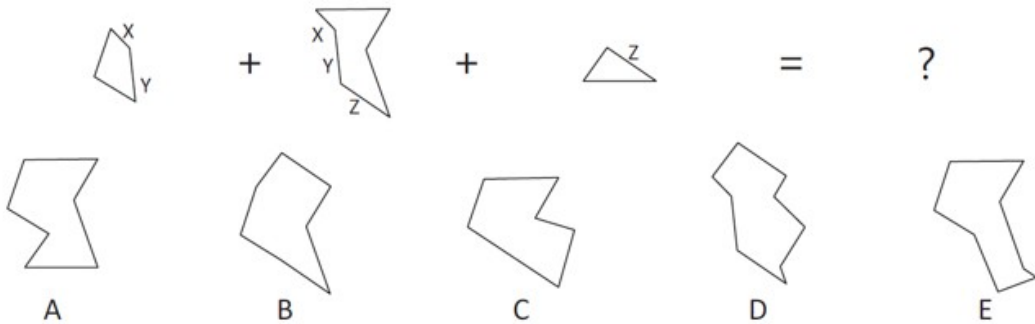
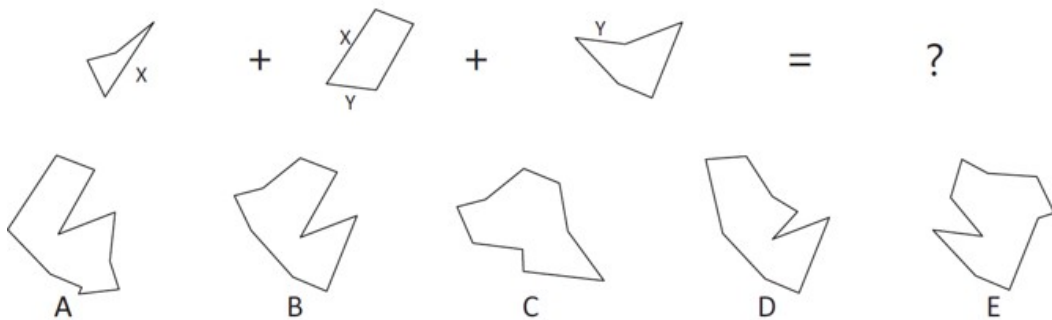
39.



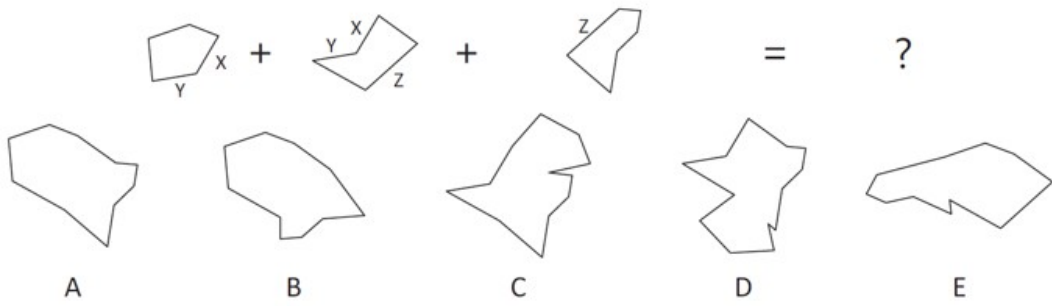
40.



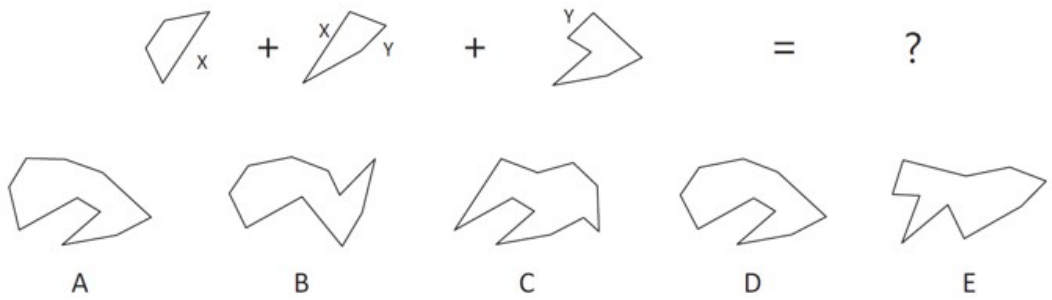
There is a base shape on the left. Other shapes are then **combined** with it. The final combined shape may end up **rotated** from its original position. One side of the base shape is marked with the letter X, Y or Z. The shape that will be combined with the base shape will have a **matching letter**. The two sides marked with the same letter must meet.

Example**Answer B****41.****42.**

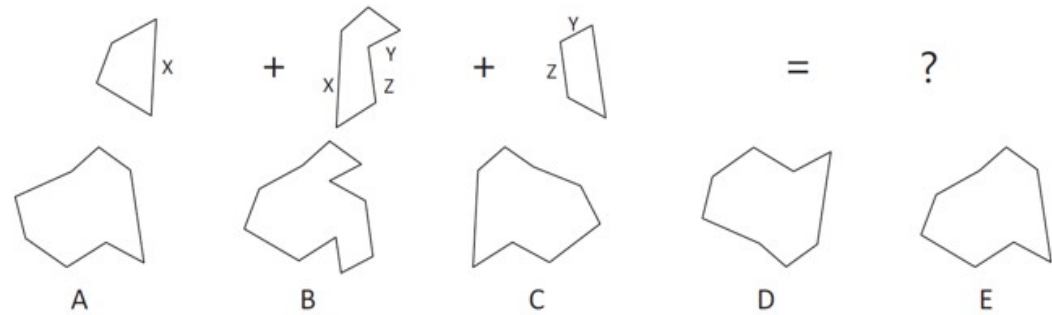
43.



44.

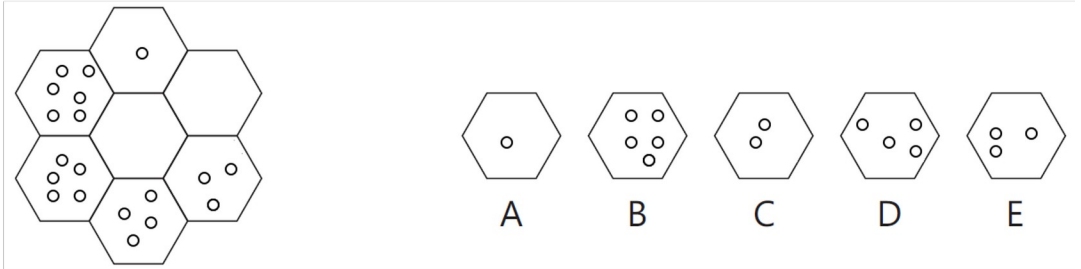


45.



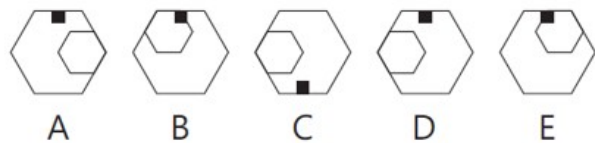
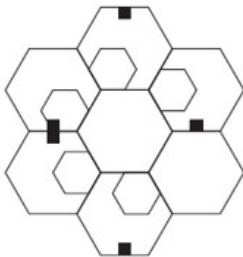
You are presented with a hexagon grid with **one empty hexagon** around the perimeter. Which figure on the right should go in the empty shape to continue the pattern?

Example

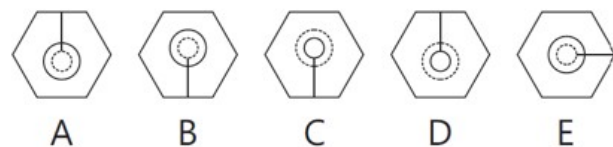
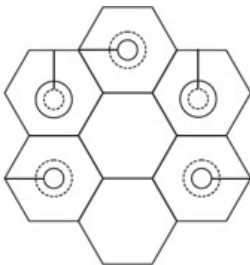


Answer C (Moving clockwise from the top, one more circle).

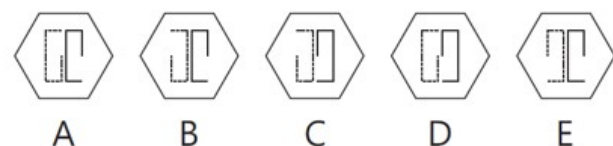
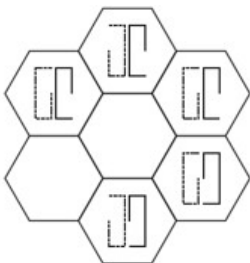
46.



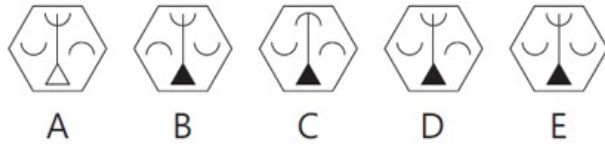
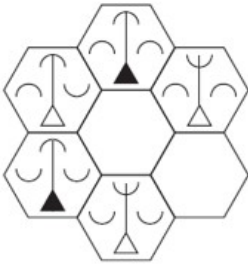
47.



48.



49.



50.

