

## Spatial reasoning

Student sheet

### Context

Aptitude tests are one of the most common ways for employers to assess an applicant's ability to carry out specific tasks. They are also used to ascertain how potential employees react in certain situations, and their overall suitability for a role.

There are a number of different aptitude tests.

Employers use aptitude tests from a range of sources and may focus more heavily on certain tests, such as numerical or mechanical reasoning.

Following the tests, employers will compare the results across the board and use them to help decide which candidates to progress to the next stage of the application process.

### Instructions for students:

Please read through the instructions carefully and answer as instructed.

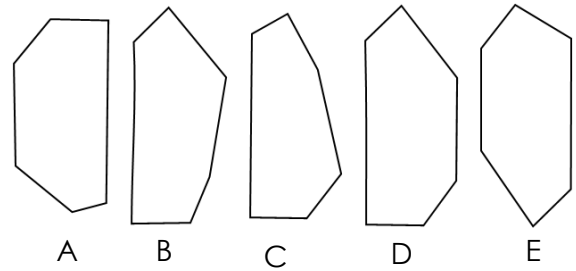
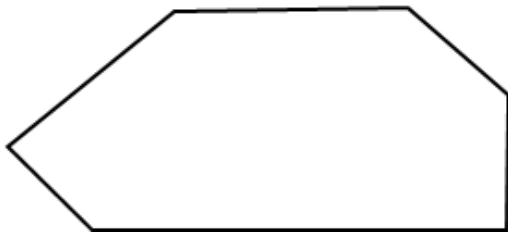
Students should save the file to their desktop and open it using Adobe Acrobat Reader in order to save the content.

**Disclaimer:** The material contained in these practice resources has been compiled to prepare students who are seeking employment within the mining and energy sectors. It is to be used as a guide only and should not be relied upon as a definitive body of work. Students should seek additional sources of assistance and information. No liability or responsibility is taken for any student's aptitude testing outcome.

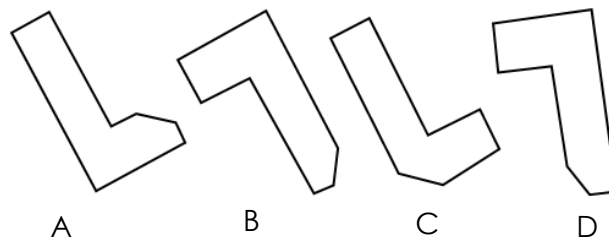
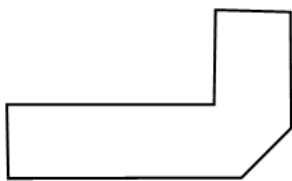
**Spatial Reasoning:**

For each of the following questions select the shape that matches the shape in the left-hand column. Select your answer.

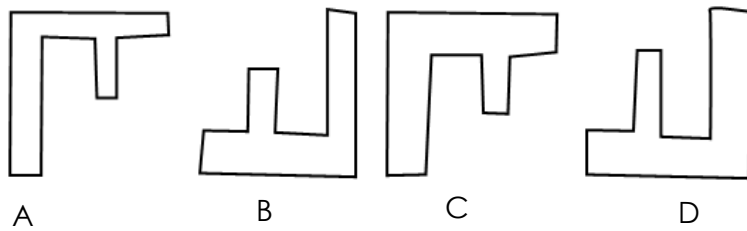
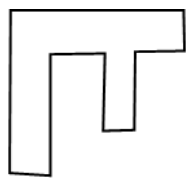
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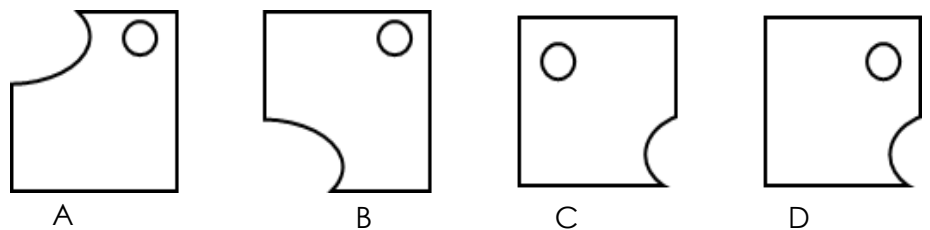
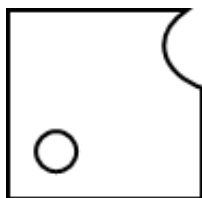
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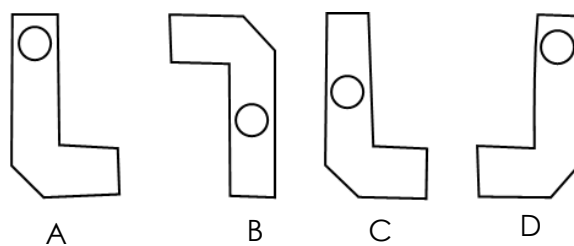
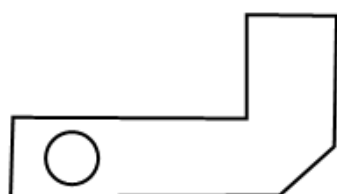
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4.

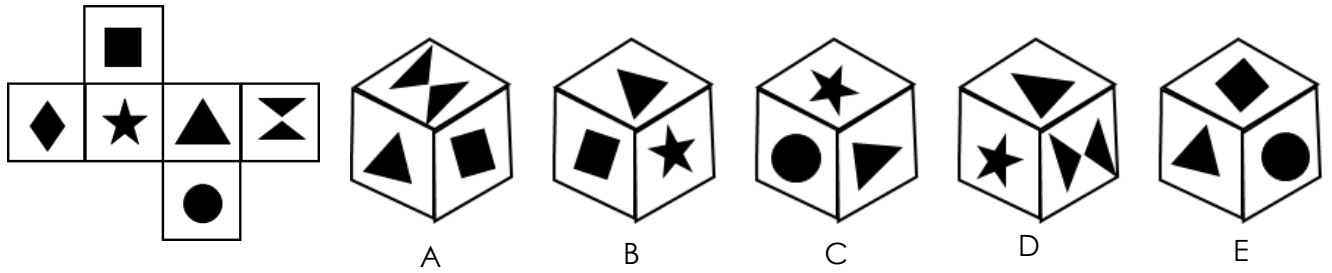


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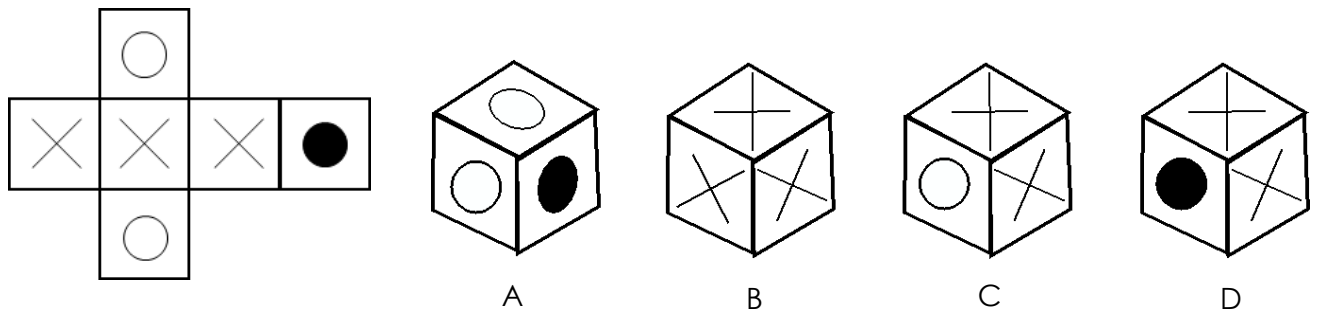


For each of the following questions identify the solid form (cube) that can be made from the template in the left column. Select your answer.

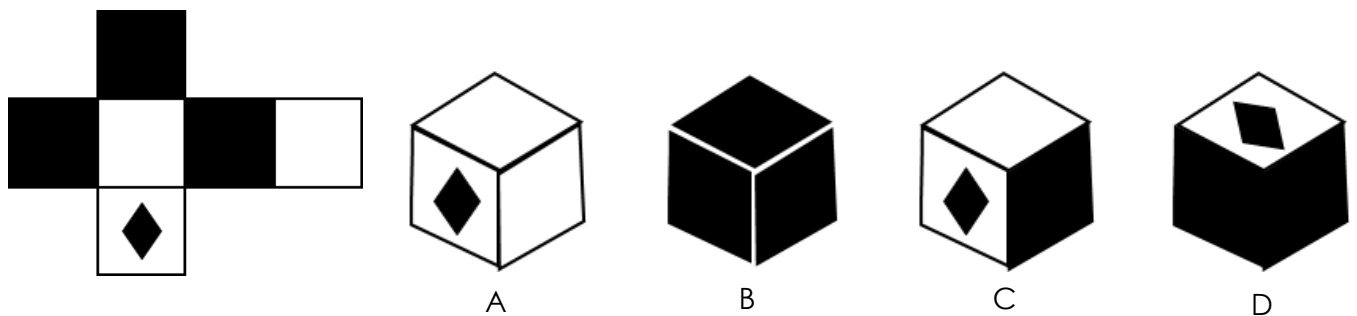
1.



2.

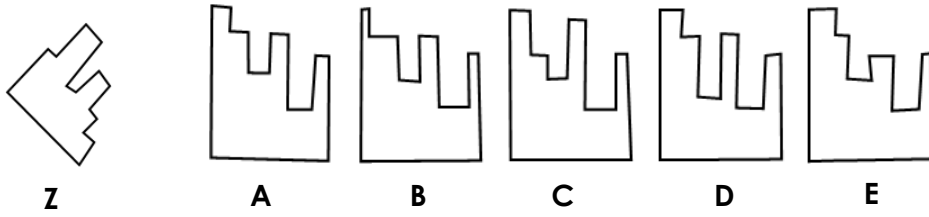


3.

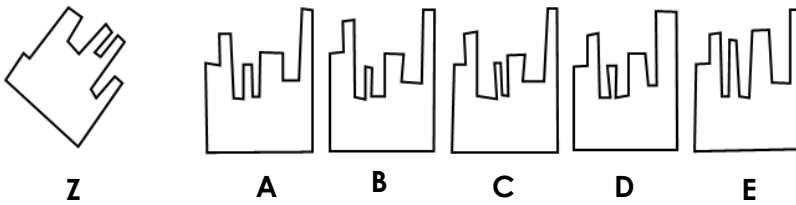


In each of the following questions find the shape that will fit together with shape Z  
Select your answer.

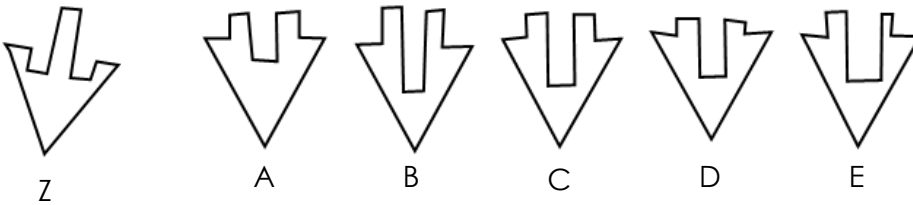
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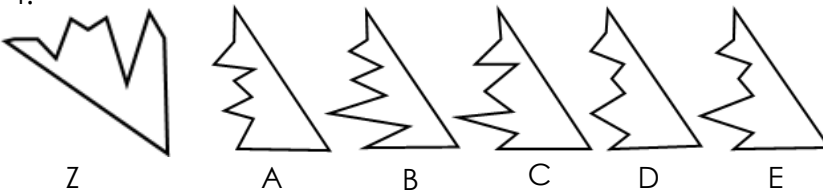
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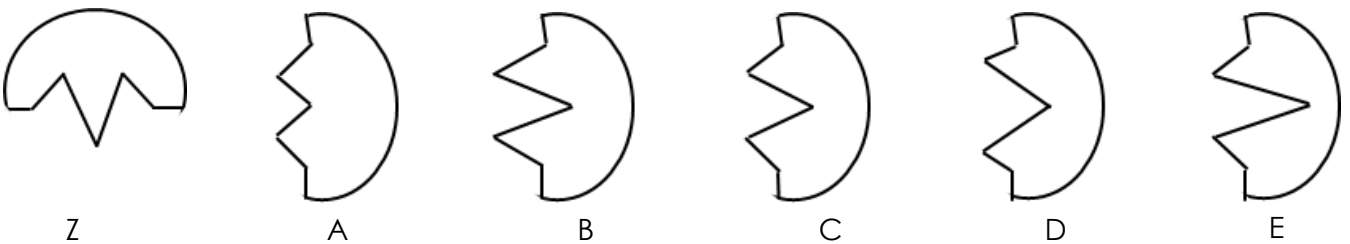
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4.

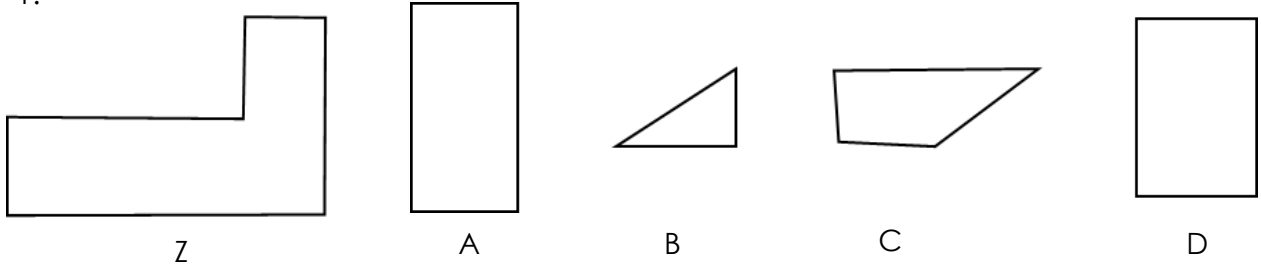


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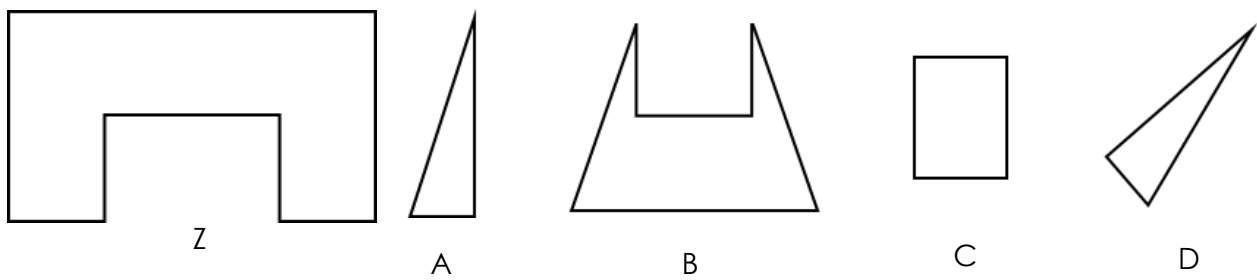


Shape Z is made up of three of the four smaller shapes, select the shape A,B,C or D that will NOT form the shape Z circle.

1.

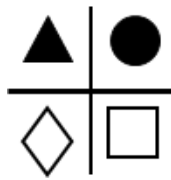
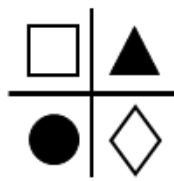
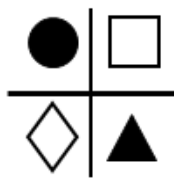
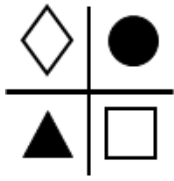


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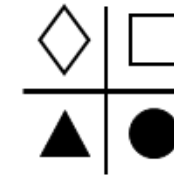


For each of the following sets which symbol comes next? Select your answer.

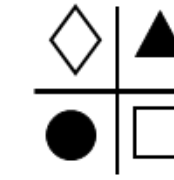
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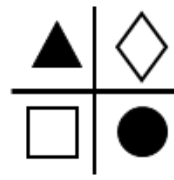
A



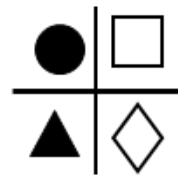
B



C

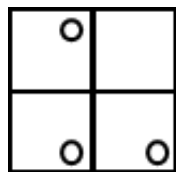
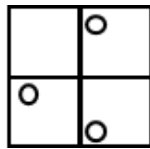
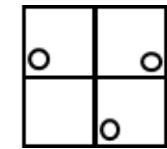
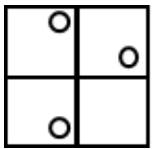


D

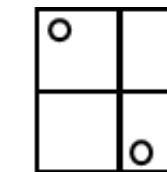


E

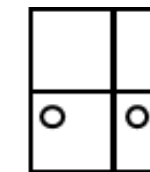
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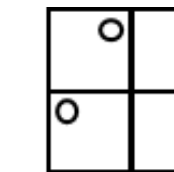
A



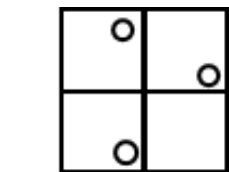
B



C



D



E

3.



A



B



C

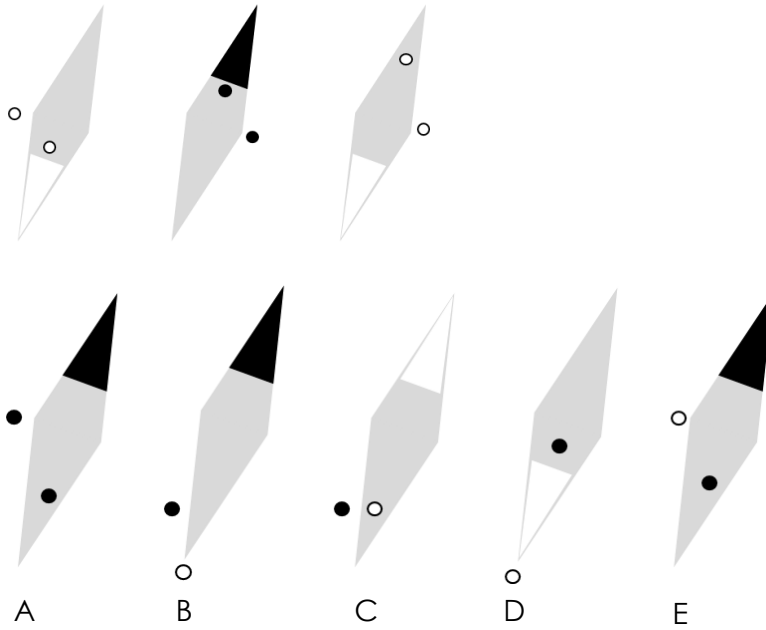


D



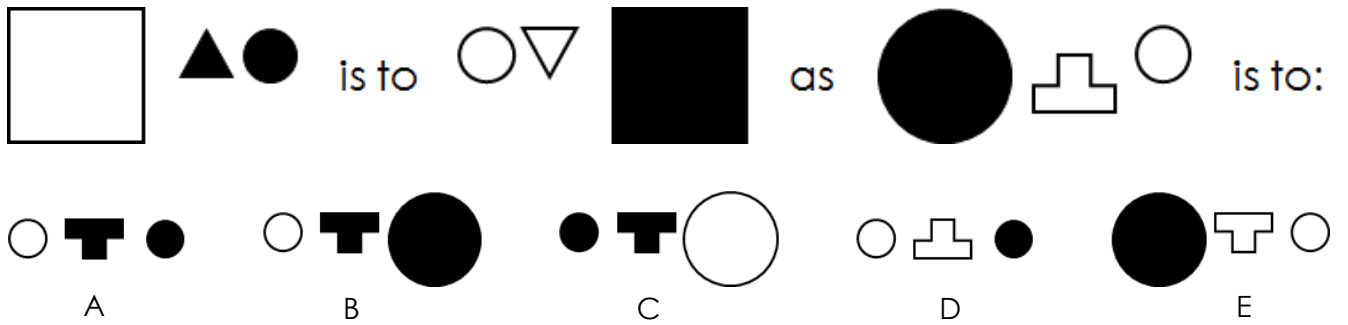
E

4.

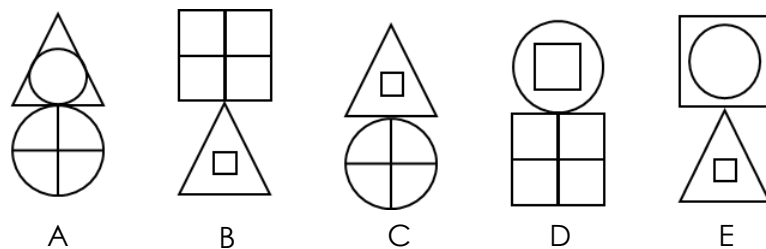
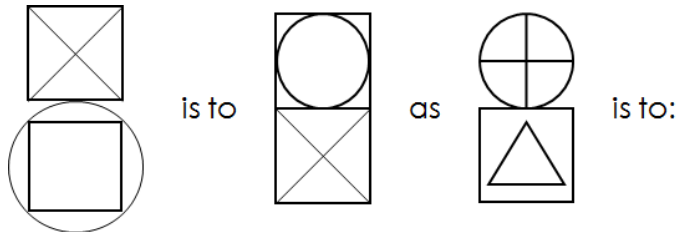


For each of the following sets identify and match the symbol to complete the set.  
Select your answer.

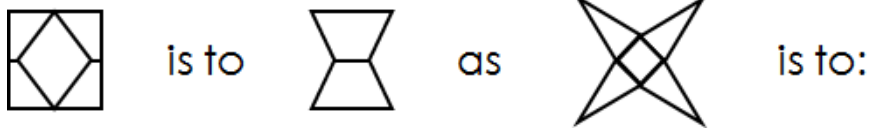
1.



2.



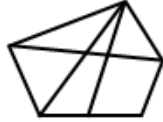
3.



A



B



C



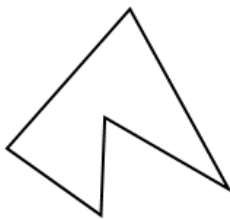
D



E

For each of the following questions select the shape in the second column that is the same as the shape in column one. Select your answer.

1.



A



B



C



D



E

2.



A



B

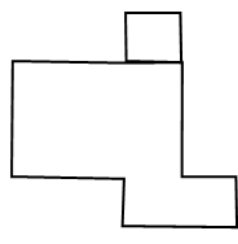
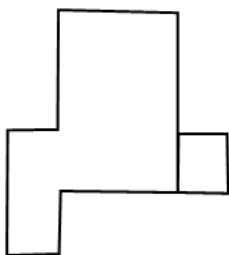


C

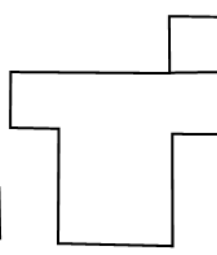


D

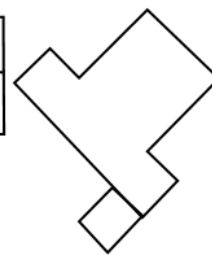
3.



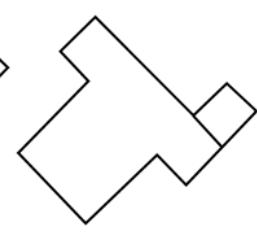
A



B



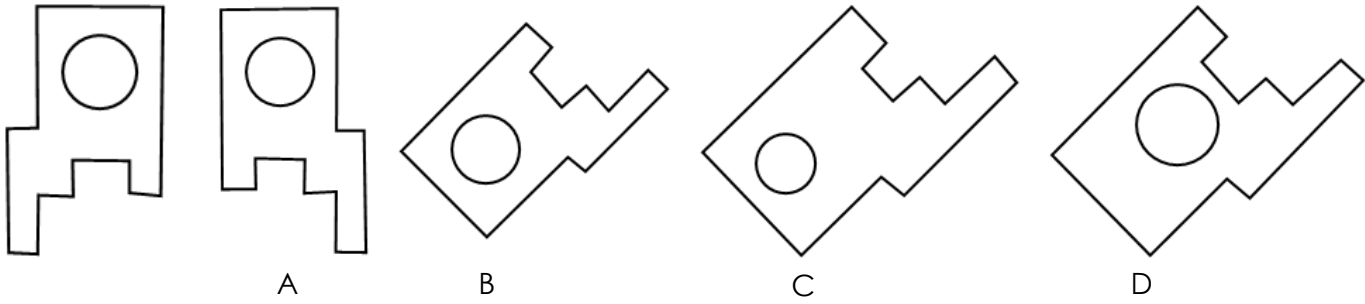
C



D

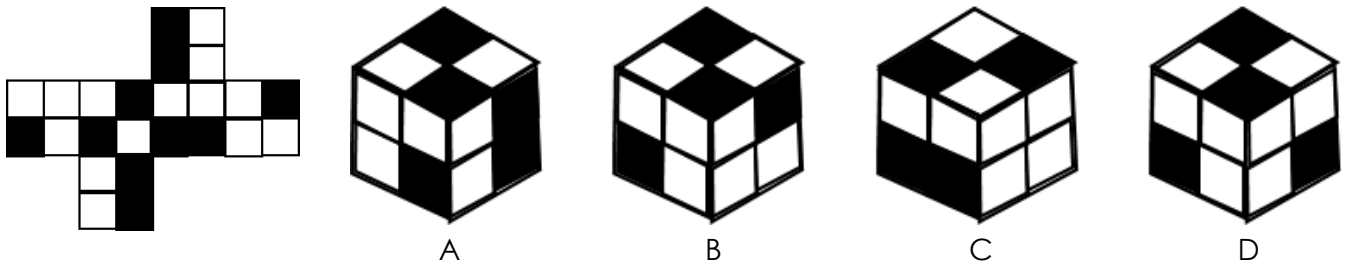


4.

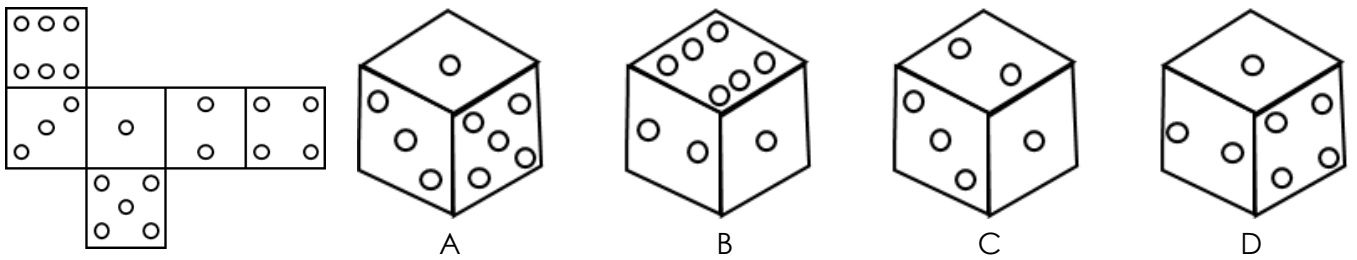


For the following questions identify the solid form (cube) that can be made from the template. Select your answer.

1.

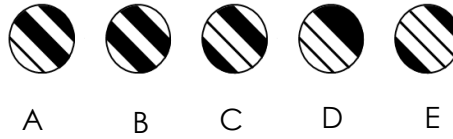


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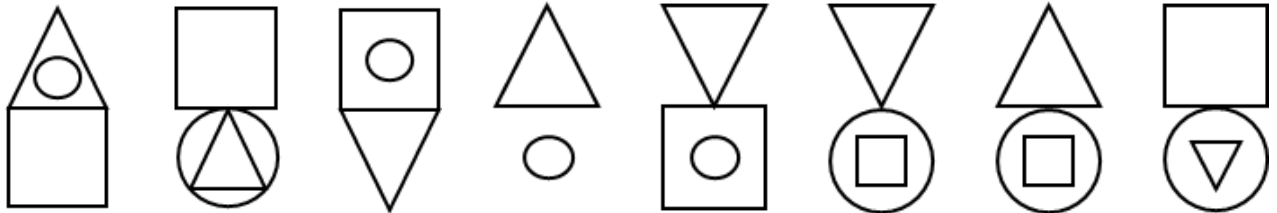


For the following sets which symbol comes next? Select your answer.

1.

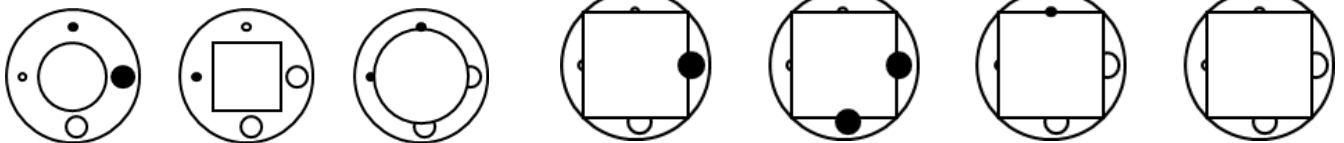


2.



A B C D E

3.



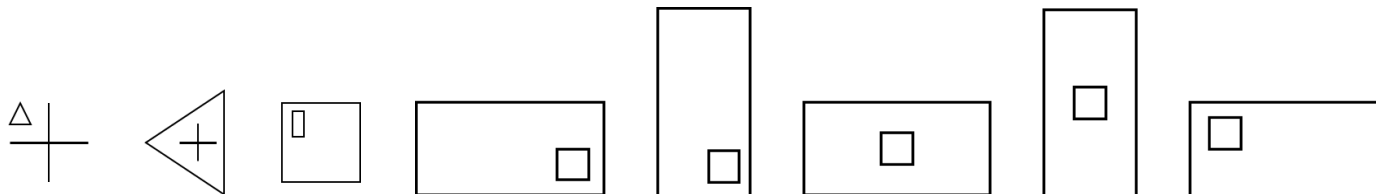
A B C D

4.



A B C D

5.



A B C D E

