FAIR ELEVEN

Practice pack: Cube nets

Non-verbal Reasoning

20 practice questions on cube nets, from easier to harder, with a worked example first.

Look for one thing that changes at a time: shape, shading, number, position or direction. Check every option against every rule you find.

Answers and explanations are at the back. Mark your work when you have finished, then look closely at any you got wrong.

Independent 11+ practice material. This is not an official test paper and is not endorsed by any test provider or local authority. © Fair Eleven. For use by the purchasing household only.

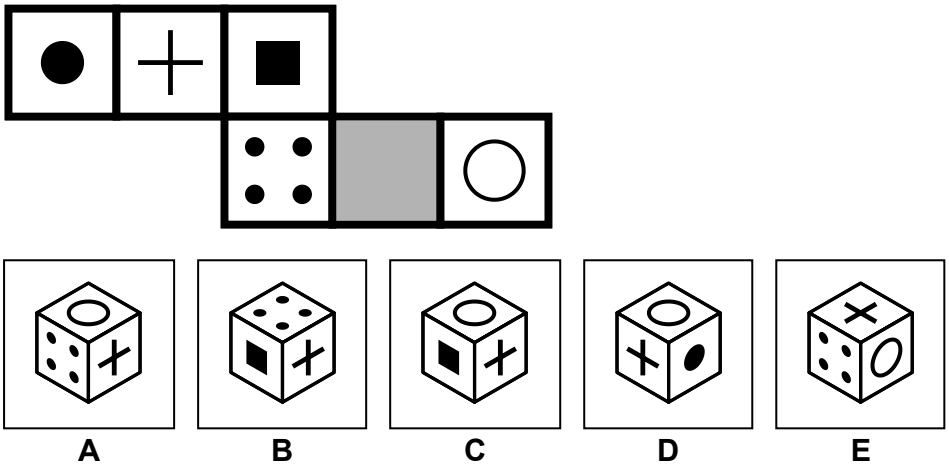
Cube nets

You will have 15 minutes for this section.

Find the cube that can be made by folding the net.

Example

E

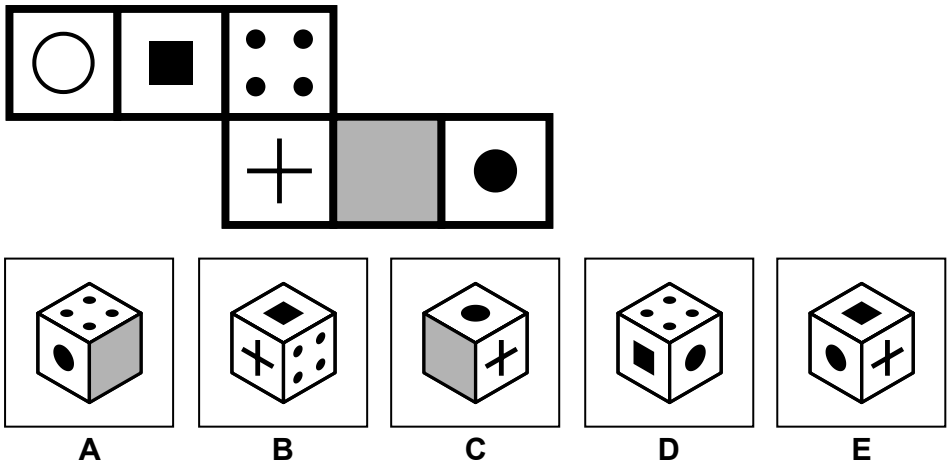


The answer is B. Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.

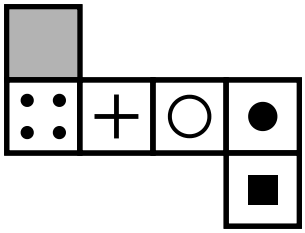
Wait until you are told to start.

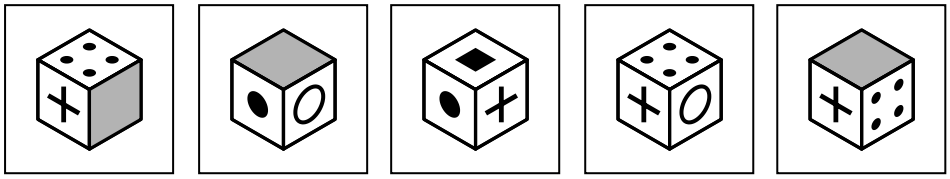
Which cube can be made from the net?

1



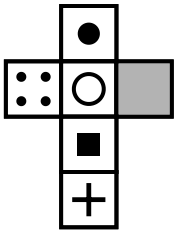
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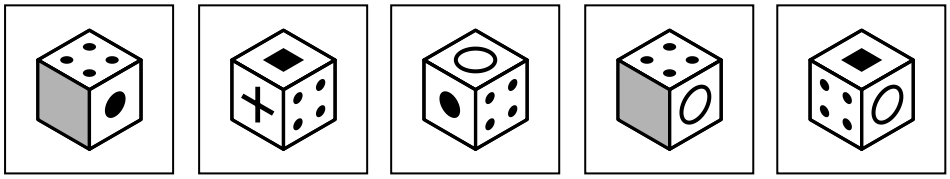




A B C D E

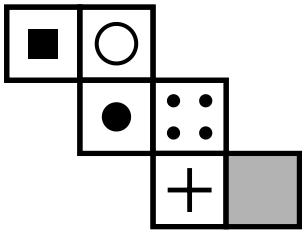
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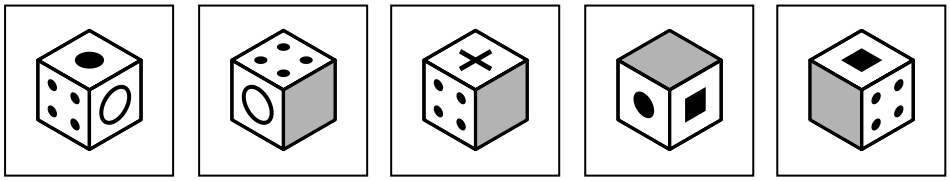




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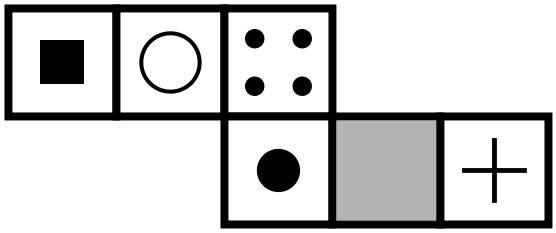
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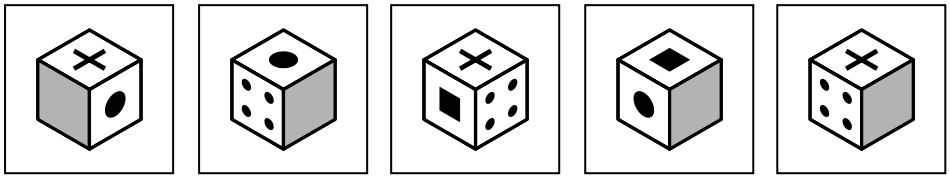




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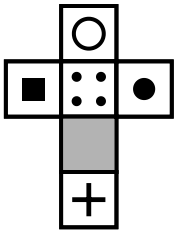
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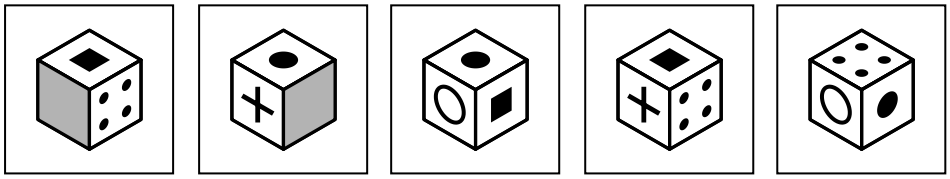




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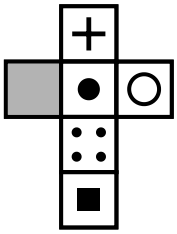
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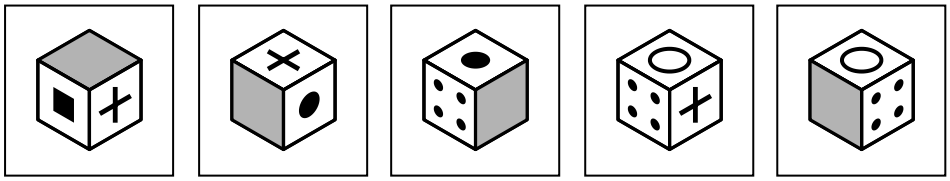




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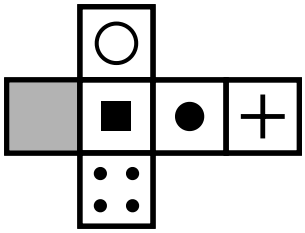
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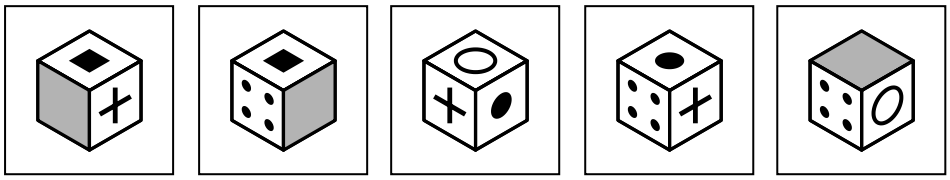




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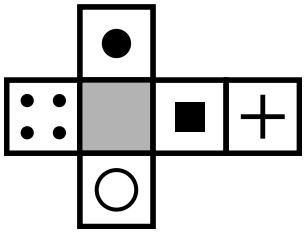
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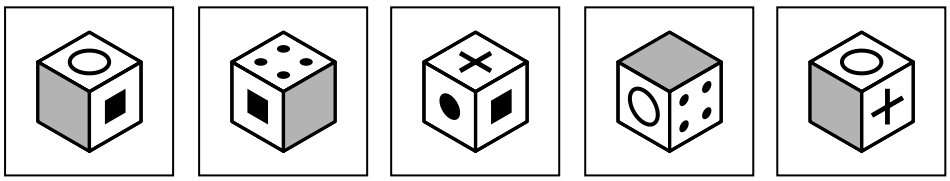




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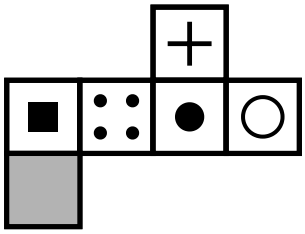
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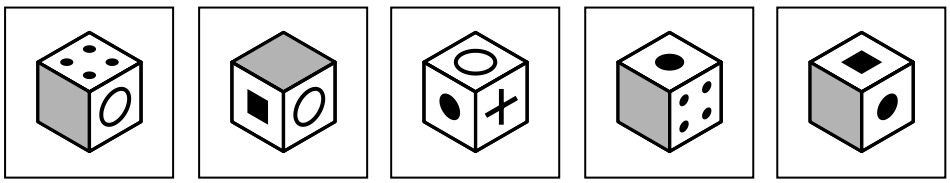




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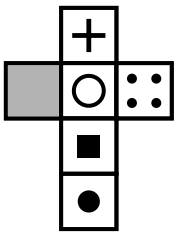
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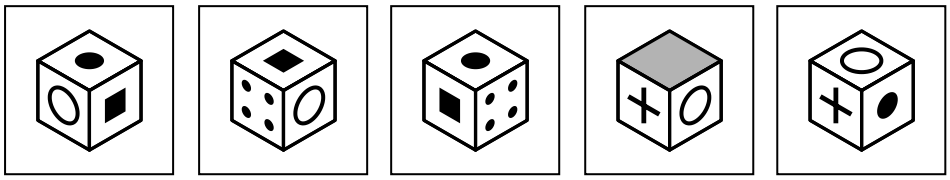




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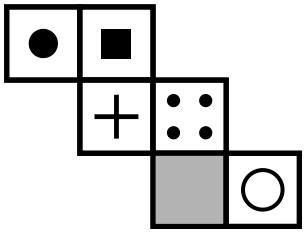
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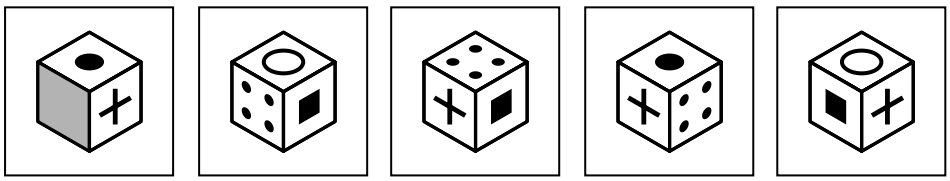




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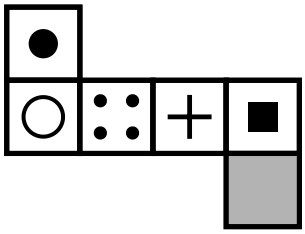
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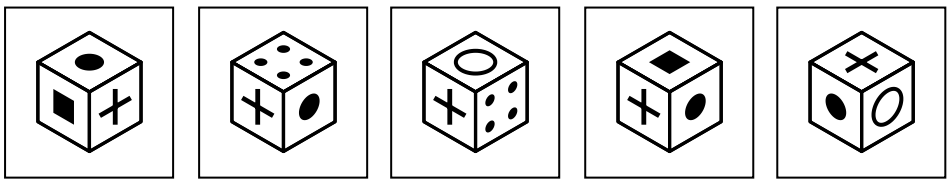




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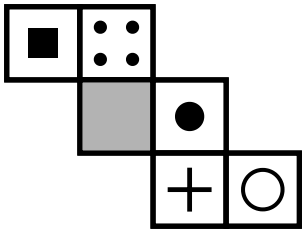
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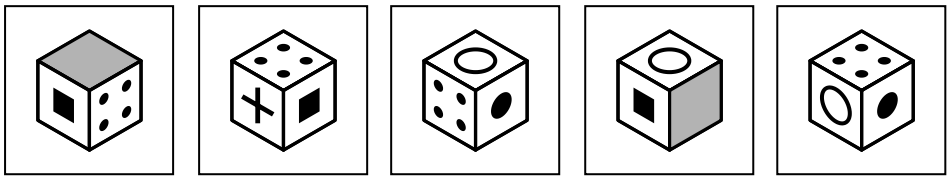




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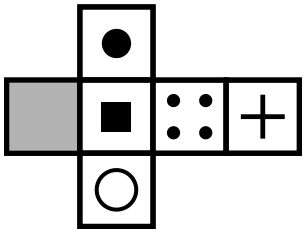
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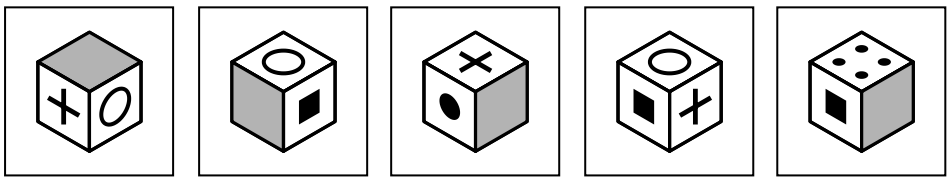




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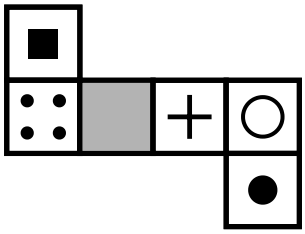
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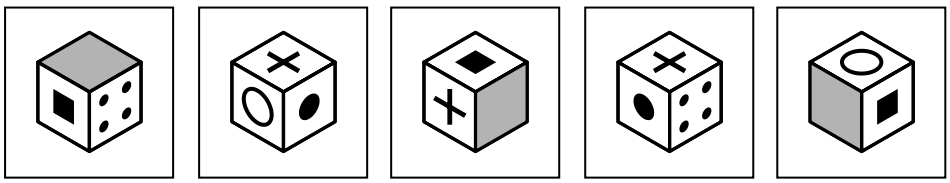




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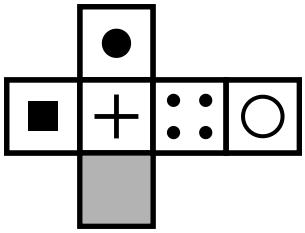
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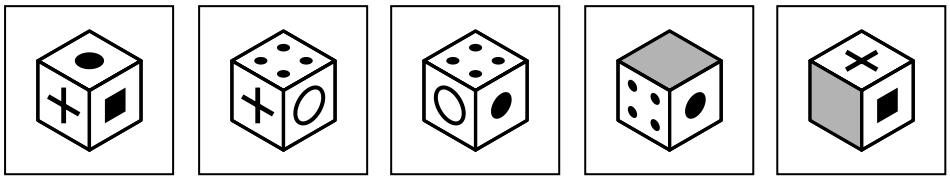




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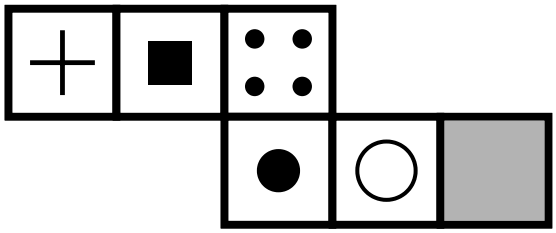
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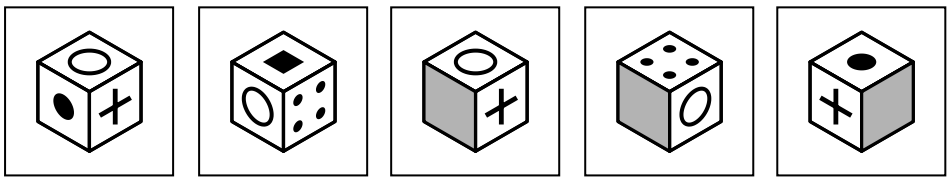




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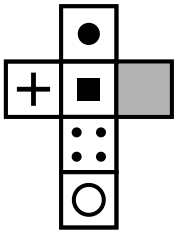
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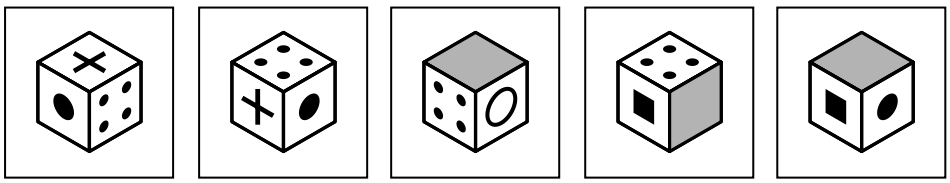




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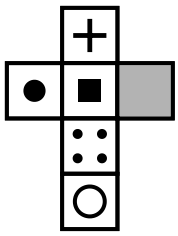
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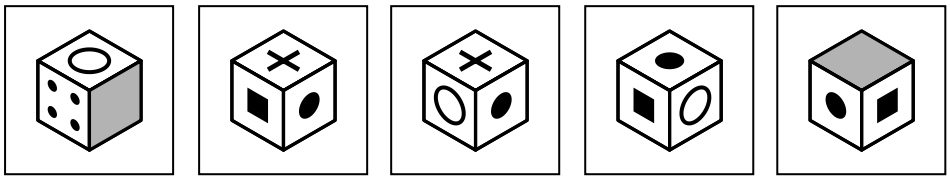




A B C D E

20





A **B** **C** **D** **E**

STOP. Wait for further instructions.

Answers and explanations

1	**B**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
2	**A**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
3	**C**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
4	**A**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
5	**E**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
6	**A**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
7	**B**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
8	**D**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
9	**C**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
10	**B**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
11	**B**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
12	**A**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
13	**B**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
14	**C**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube

		passes both checks.
15	**A**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
16	**A**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
17	**C**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
18	**A**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
19	**C**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.
20	**C**	Faces opposite each other on the cube can never be seen together, and the three faces you can see must meet in the same order as on the folded net. Only one cube passes both checks.

Got some wrong? That is how learning works. Look at the explanation, try a similar question in a day or two, and note the topic for your next practice.