

11+ Non-verbal Reasoning Nets and 3D shapes Paper 1

Instructions:

- 1. The time allowed is 18 minutes for 20 questions.
- 2. Each question carries 1 Mark.
- **3**. Answers should be clearly marked in pencil on the provided answer sheet.
- **4**. Example for each section is provided before the beginning of the section.
- 5. No Marks are lost for an incorrect answer.
- **6**. If you have marked the wrong answer, erase it and mark the new one. Make sure that your final answer is clear.

Symbols used:



Go to the next page.



Do not turn the page until told to do so.

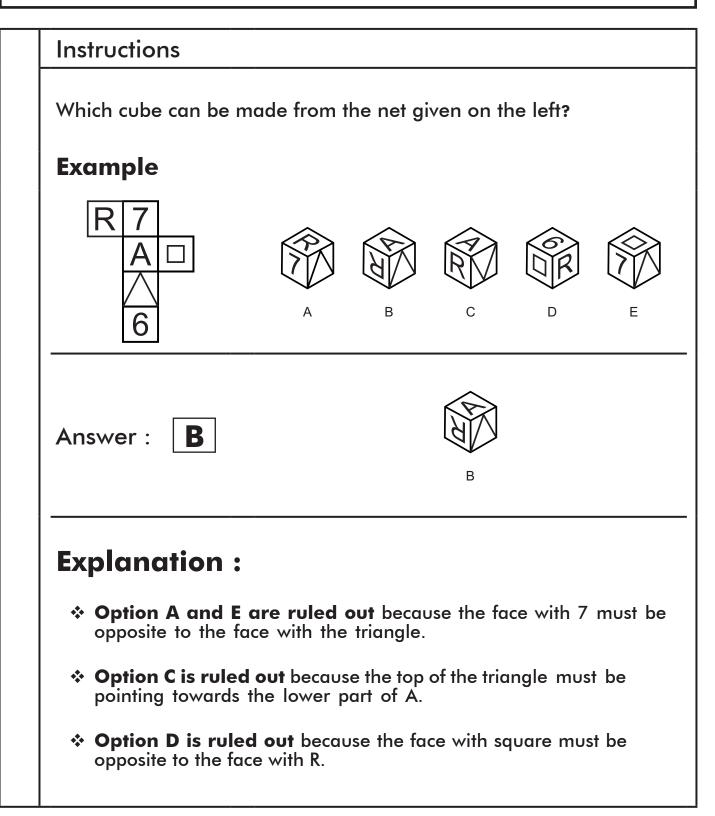


Stop working and await instructions.

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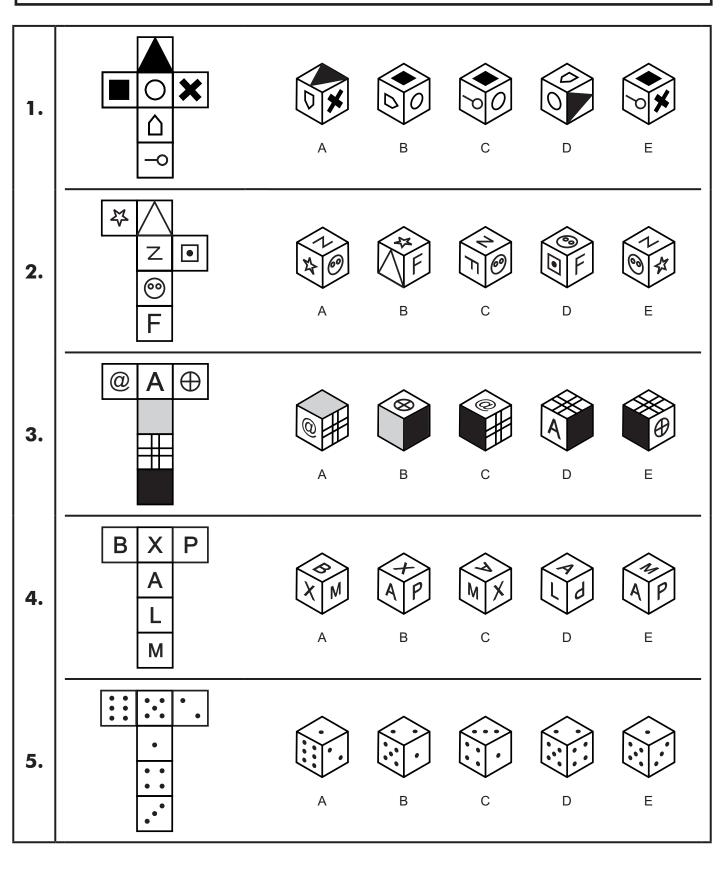
NETS AND 3D SHAPES (Which cube can be made?)







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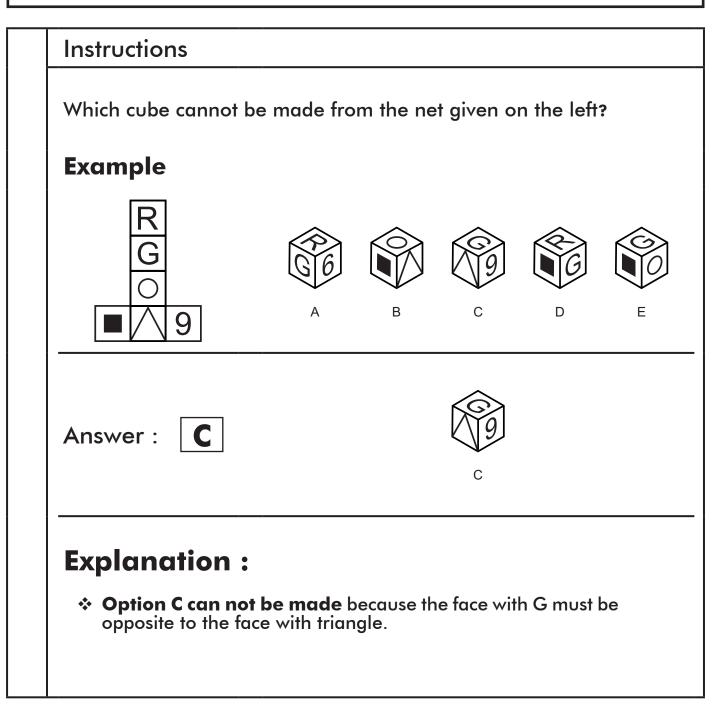








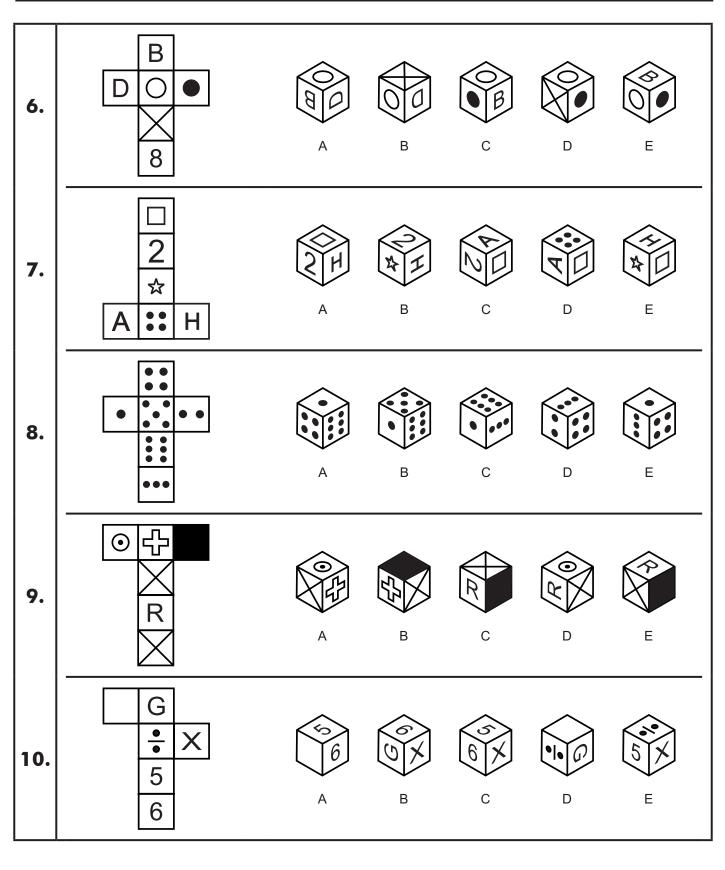
NETS AND 3D SHAPES (Which cube can not be made?)







NETS AND 3D SHAPES (Which cube can not be made?)

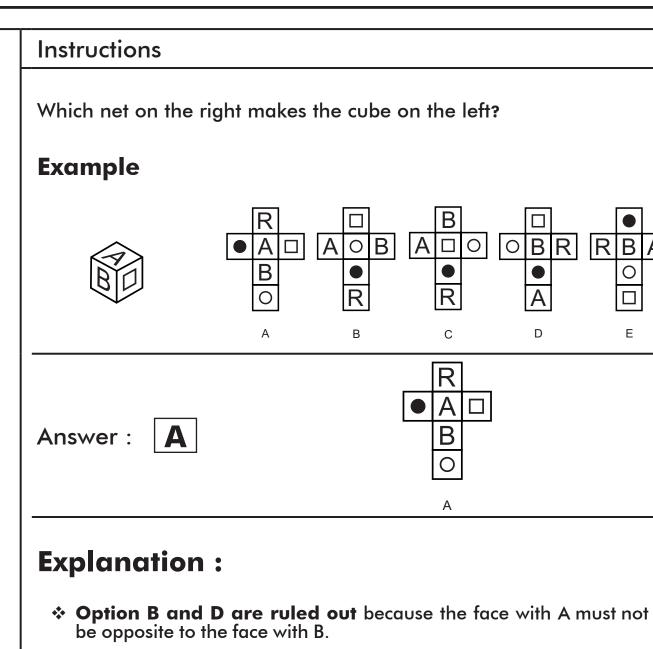








NETS AND 3D SHAPES (Which Net can make the cube?)



- Option C is ruled out because the bottom part of B should not be aligned with the square.
- Option E is ruled out because the face with square must not be opposite to the face with B.

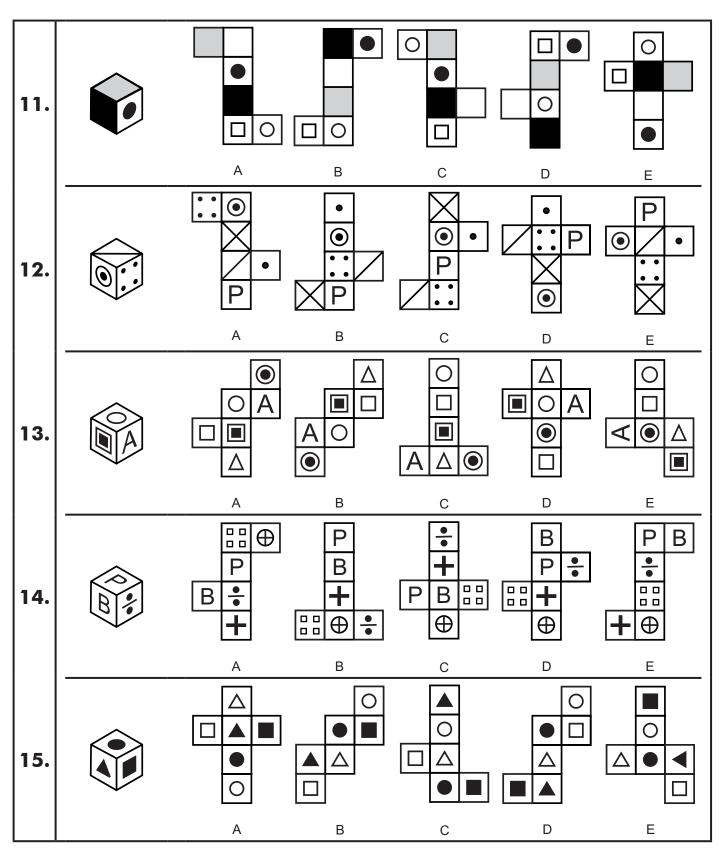


А



5

NETS AND 3D SHAPES (Which Net can make the cube?)



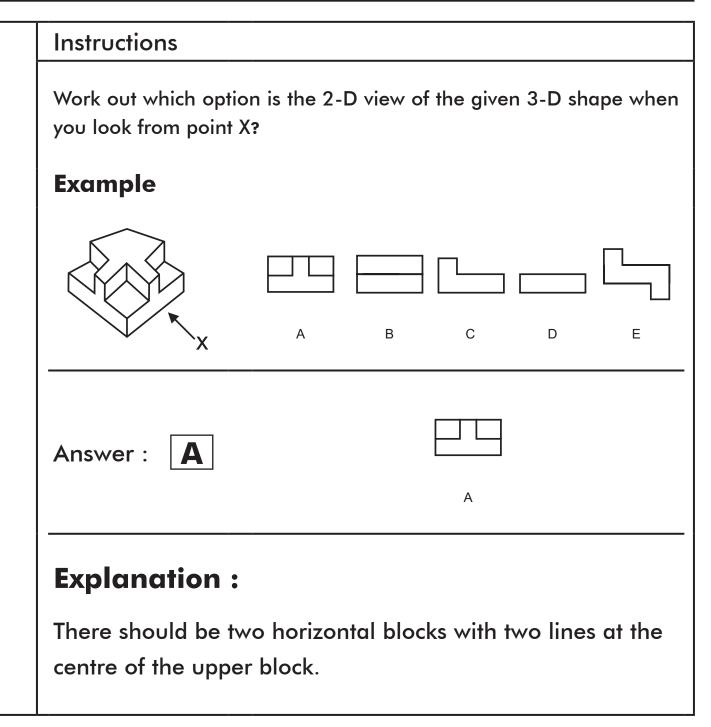


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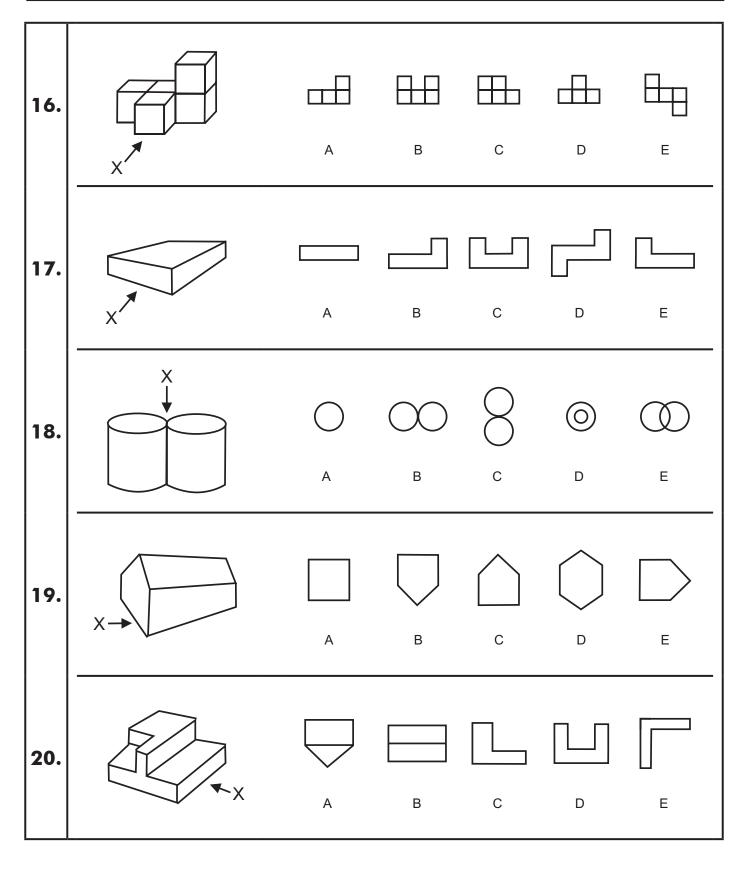
3D SHAPES







3D SHAPES







Date: _____



ANSWER MARKING SHEET							
	Example						
	1	[A]	[]	[C]	[D]	[E]	For Parents use only
	Questions						
	1	[A]	[B]	[C]	[D]	[E]	Paper name:
	2	[A]	[B]	[C]	[D]	[E]	
	3	[A]	[B]	[C]	[D]	[E]	Time taken:
	4	[A]	[B]	[C]	[D]	[E]	
	5	[A]	[B]	[C]	[D]	[E]	Marks Scored:
	6	[A]	[B]	[C]	[D]	[E]	
	7	[A]	[B]	[C]	[D]	[E]	<u>Comments:</u>
	8	[A]	[B]	[C]	[D]	[E]	
	9	[A]	[B]	[C]	[D]	[E]	
	10	[A]	[B]	[C]	[D]	[E]	
	11	[A]	[B]	[C]	[D]	[E]	
	12	[A]	[B]	[C]	[D]	[E]	
	13	[A]	[B]	[C]	[D]	[E]	
	14	[A]	[B]	[C]	[D]	[E]	Visit piacademy.co.uk/nvr
	15	[A]	[B]	[C]	[D]	[E]	
	16	[A]	[B]	[C]	[D]	[E]	
	17	[A]	[B]	[C]	[D]	[E]	to check the answers
	18	[A]	[B]	[C]	[D]	[E]	
	19	[A]	[B]	[C]	[D]	[E]	
	20	[A]	[B]	[C]	[D]	[E]	
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