

# NON-VERBAL REASONING

## TEST PAPER 1

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Read the following instructions carefully:

1. The test has 30 questions in total, split into three sections which must be timed separately:  
Section 1 : Analogies [ 10 questions, 5 minutes ]  
Section 2 : Odd One Out [ 10 questions, 5 minutes ]  
Section 3 : Nets and Cubes [ 10 questions, 5 minutes ]
2. This is a multiple-choice test.
3. Work as carefully and as quickly as you can.
4. Answers should be marked on the answer sheet provided and not on this paper.
5. If you make a mistake, rub it out completely and put in your new answer.

Good Luck!

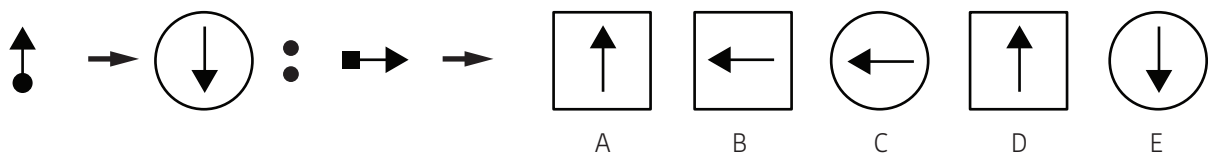


# SECTION 1 - ANALOGIES

## Instructions:

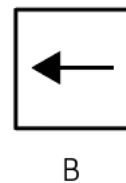
On the left there are two figures connected by an arrow. Now look at the third figure. Which of the five figures that follow is related to the third in a similar way as the first pair.

## Example 1:



## Answer:

Example	
A	<input type="checkbox"/>
B	<input checked="" type="checkbox"/>
C	<input type="checkbox"/>
D	<input type="checkbox"/>
E	<input type="checkbox"/>

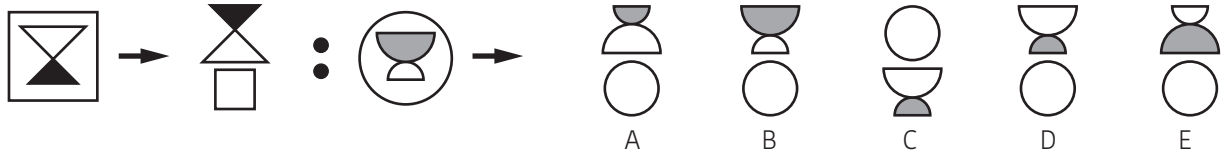


## Explanation:

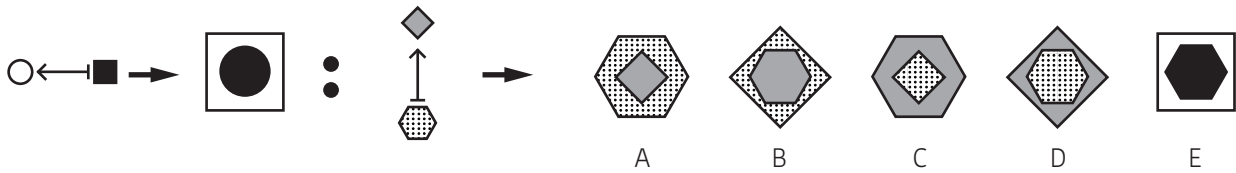
The arrow in the first figure is rotated 180° and the arrow tail becomes the outer shape of the arrow. In the third figure, the arrow should be rotated by 180°. Since its arrow tail is a square, the outer shape in the correct answer must also be a square. Therefore, the answer is option B.

# ANALOGIES

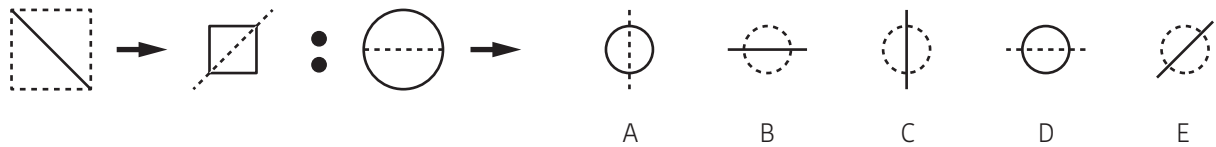
1



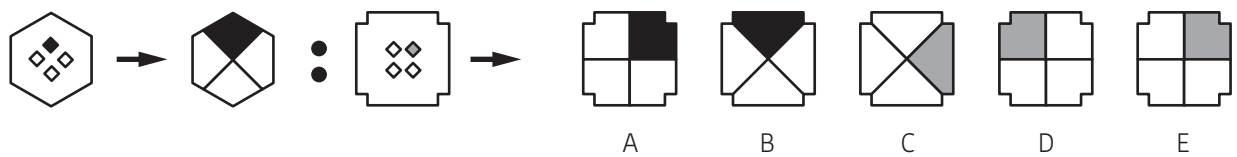
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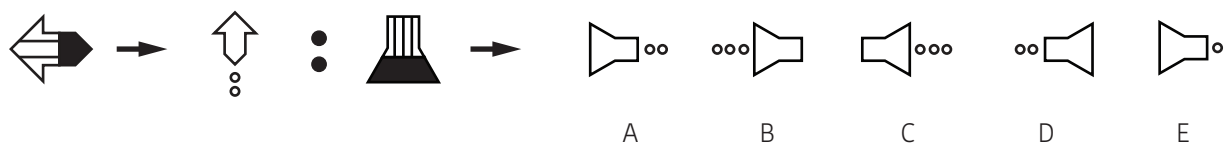
3



4

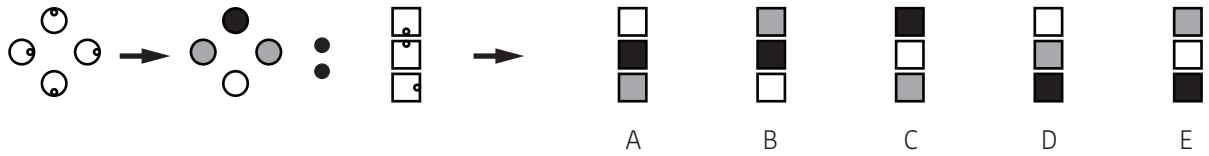


5

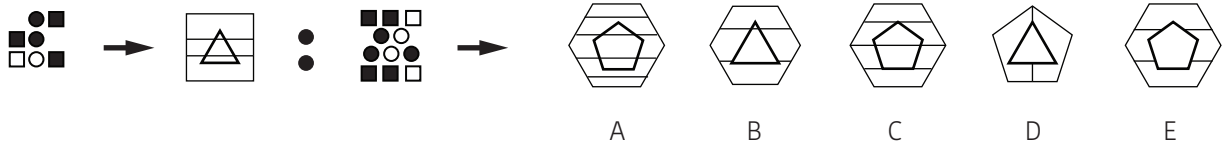


# ANALOGIES

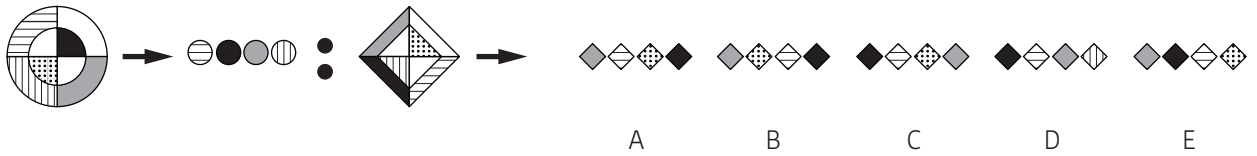
6



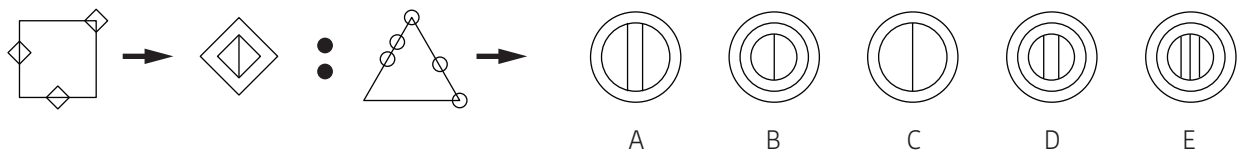
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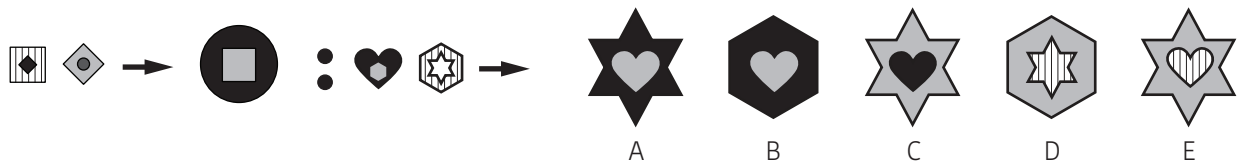
8



9



10

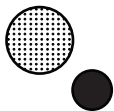


## SECTION 2 - ODD ONE OUT

### Instructions:

In each of the rows below there are five Figures. Find one figure in each row that is the Odd One Out.

### Example 2:



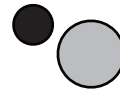
A



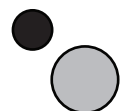
B



C



D



E

### Answer:

Example	
A	<input type="checkbox"/>
B	<input type="checkbox"/>
C	<input checked="" type="checkbox"/>
D	<input type="checkbox"/>
E	<input type="checkbox"/>



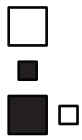
C

### Explanation:

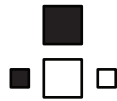
Each option has a smaller and a bigger circle. In A, B, D and E, the smaller circle is always black. In C, it's the bigger circle that is black. Therefore, C is the Odd One Out.

# ODD ONE OUT

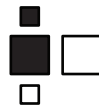
11



A



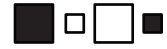
B



C

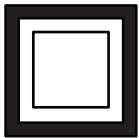


D



E

12



A



B



C

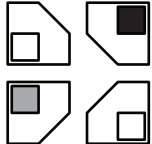


D

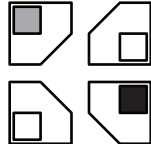


E

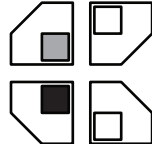
13



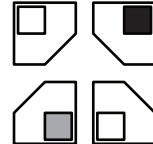
A



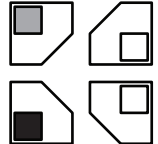
B



C

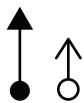


D



E

14



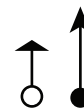
A



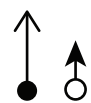
B



C

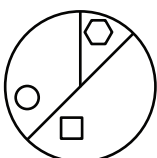


D

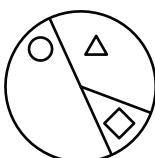


E

15



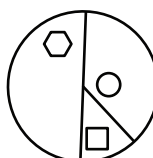
A



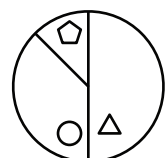
B



C



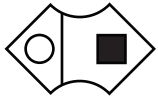
D



E

# ODD ONE OUT

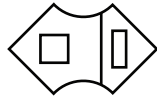
16



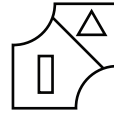
A



B



C

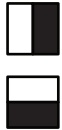


D



E

17



A



B



C

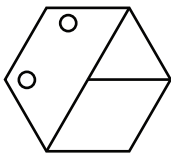


D

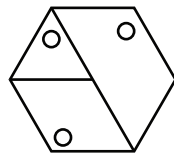


E

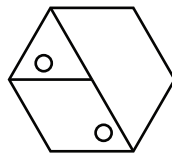
18



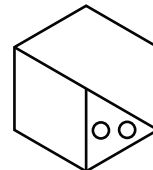
A



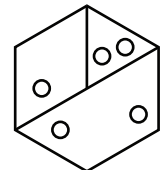
B



C

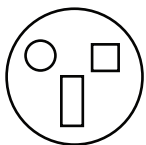


D



E

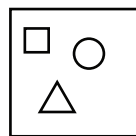
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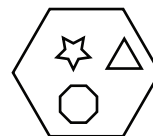
A



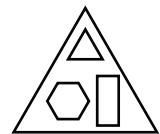
B



C

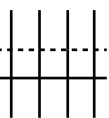


D

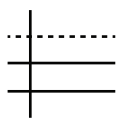


E

20



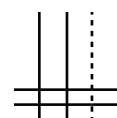
A



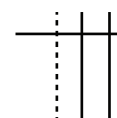
B



C



D



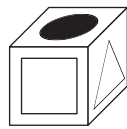
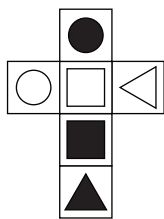
E

# SECTION 3 - NETS AND CUBES

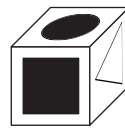
## Instructions:

Choose which of the cubes **CAN BE FORMED** if the net on the left is folded.

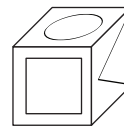
### Example 3:



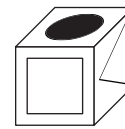
A



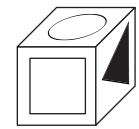
B



C



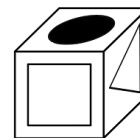
D



E

## Answer:

Example	
A	<input type="checkbox"/>
B	<input type="checkbox"/>
C	<input type="checkbox"/>
D	<input checked="" type="checkbox"/>
E	<input type="checkbox"/>



D

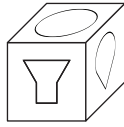
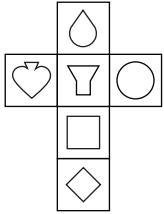
## Explanation:

The correct cube is D. Options A, B and E are wrong because they show opposite faces. B and C are also wrong because the white triangle should point to the white square.

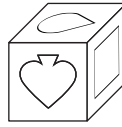


# NETS AND CUBES

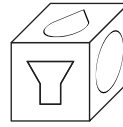
21



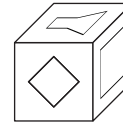
A



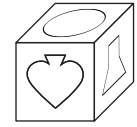
B



C

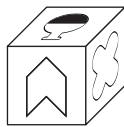
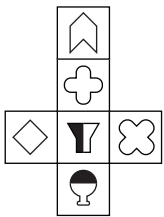


D

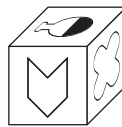


E

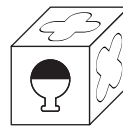
22



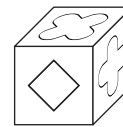
A



B



C

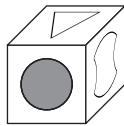
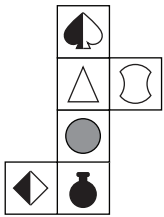


D

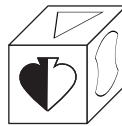


E

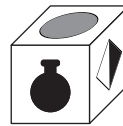
23



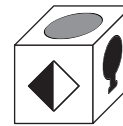
A



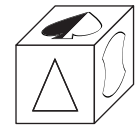
B



C

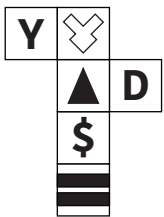


D



E

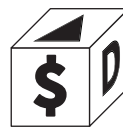
24



A



B



C

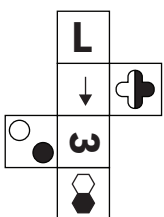


D



E

25



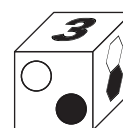
A



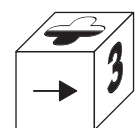
B



C



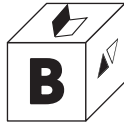
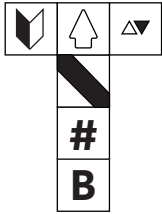
D



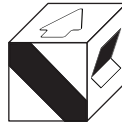
E

# NETS AND CUBES

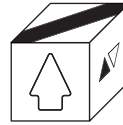
26



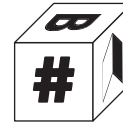
A



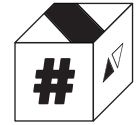
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C

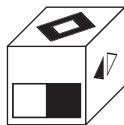
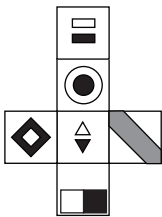


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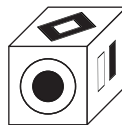


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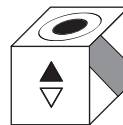
27



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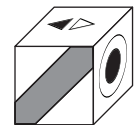
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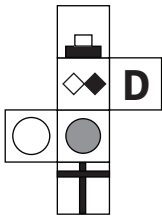


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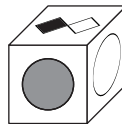


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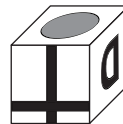
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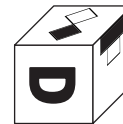
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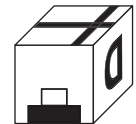
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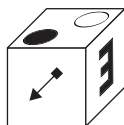
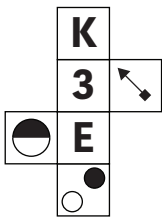


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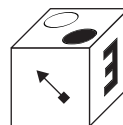
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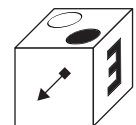
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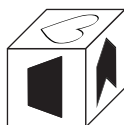
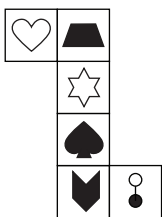


D



E

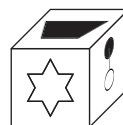
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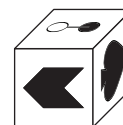
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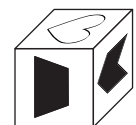
B



C



D



E

# NON-VERBAL REASONING

## TEST PAPER 1

### ANSWER SHEET

Pupil's name:	Date of test:
School name:	Date of birth:

### Instructions:

Mark your answers like this: A

<b>Example 1</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q5</b>	<b>Q6</b>	<b>Q7</b>	<b>Q8</b>	<b>Q9</b>	<b>Q10</b>
A <input type="checkbox"/>	A <input type="checkbox"/>	A <input type="checkbox"/>	A <input type="checkbox"/>	A <input type="checkbox"/>	A <input type="checkbox"/>	A <input type="checkbox"/>	A <input type="checkbox"/>	A <input type="checkbox"/>	A <input type="checkbox"/>	A <input type="checkbox"/>
B <input checked="" type="checkbox"/>	B <input type="checkbox"/>	B <input type="checkbox"/>	B <input type="checkbox"/>	B <input type="checkbox"/>	B <input type="checkbox"/>	B <input type="checkbox"/>	B <input type="checkbox"/>	B <input type="checkbox"/>	B <input type="checkbox"/>	B <input type="checkbox"/>
C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>
D <input type="checkbox"/>	D <input type="checkbox"/>	D <input type="checkbox"/>	D <input type="checkbox"/>	D <input type="checkbox"/>	D <input type="checkbox"/>	D <input type="checkbox"/>	D <input type="checkbox"/>	D <input type="checkbox"/>	D <input type="checkbox"/>	D <input type="checkbox"/>
E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>
<b>Example 2</b>	<b>Q11</b>	<b>Q12</b>	<b>Q13</b>	<b>Q14</b>	<b>Q15</b>	<b>Q16</b>	<b>Q17</b>	<b>Q18</b>	<b>Q19</b>	<b>Q20</b>
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E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>	E <input type="checkbox"/>
<b>Example 3</b>	<b>Q21</b>	<b>Q22</b>	<b>Q23</b>	<b>Q24</b>	<b>Q25</b>	<b>Q26</b>	<b>Q27</b>	<b>Q28</b>	<b>Q29</b>	<b>Q30</b>
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C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>	C <input type="checkbox"/>
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THE END