11+ CENTRE
A stepping stone to success

NON-VERBAL REASONING

SPATIAL REASONING

Paper 1
Intermediate Level

Read the following instructions carefully:

1. The test has 20 questions in total and you have 10 minutes to complete it.

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.

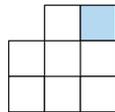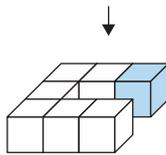5. If you make a mistake, rub it out completely and put in your new answer.
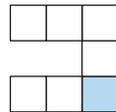
Good Luck!

SECTION 1 – 2D VIEW

Instructions:

Work out which option is a 2D bird's eye view of the figure on the left.

Example 1:

A　　　B　　　C　　　D　　　E
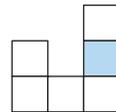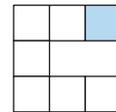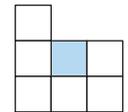
Answer:
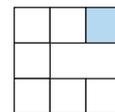
D

2D VIEW

1.
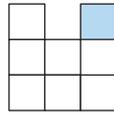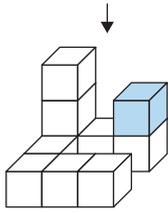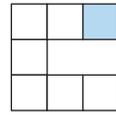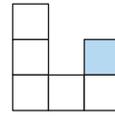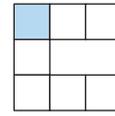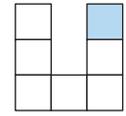
A   B   C   D   E

2.
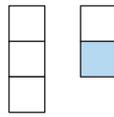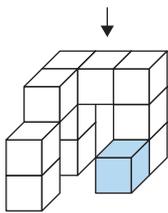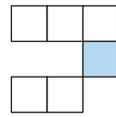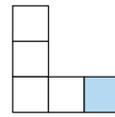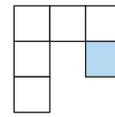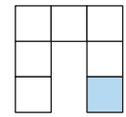
A   B   C   D   E

3.
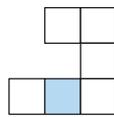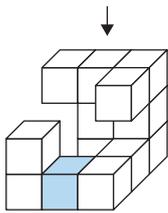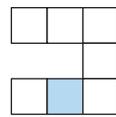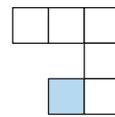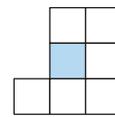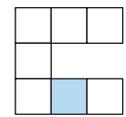
A   B   C   D   E

4.
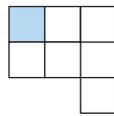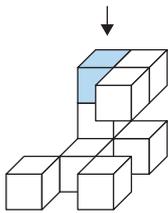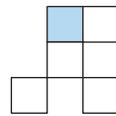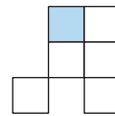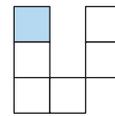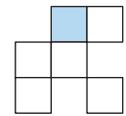
A   B   C   D   E

5.
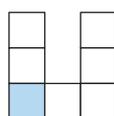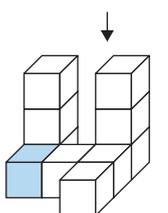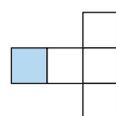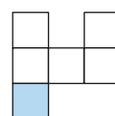
A   B   C   D   E

SECTION 2 - 3D VIEW

Instructions:

Work out which option is a 3D bird's eye view of the figure on the left.
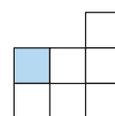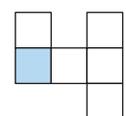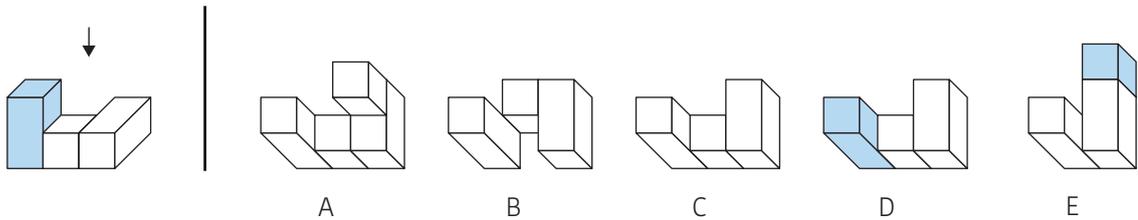
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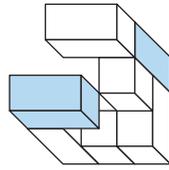

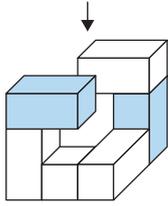| | A | B | C | D | E |

Answer:

3D VIEW

6	
7	
8	
9	
10	
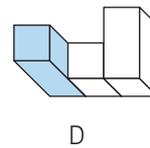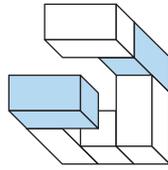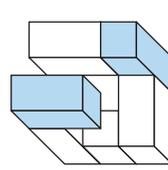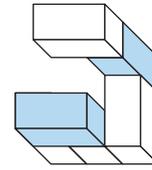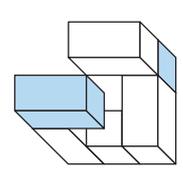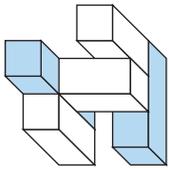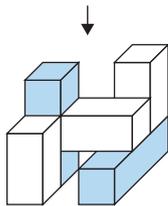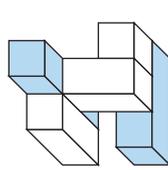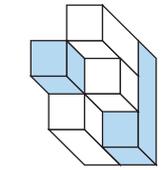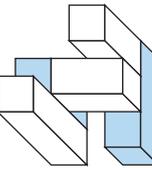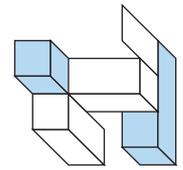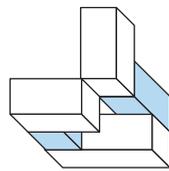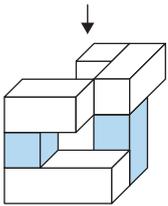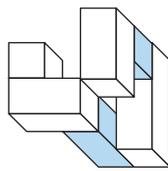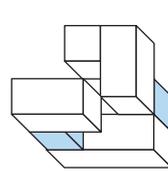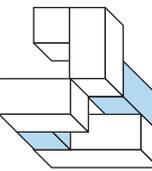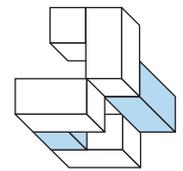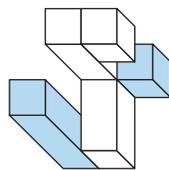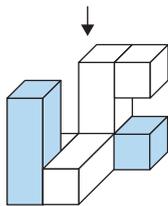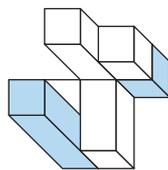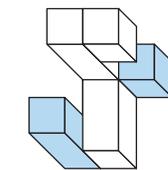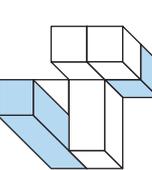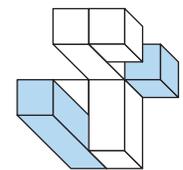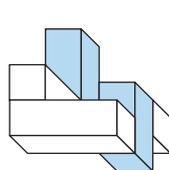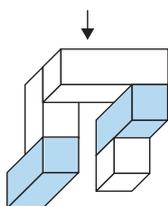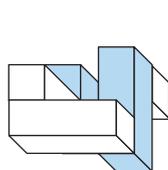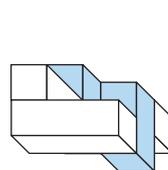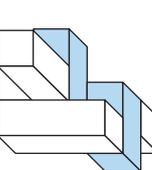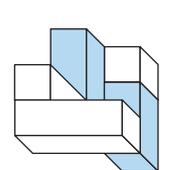
SECTION 3 – 3D ROTATION

Instructions:

Work out which of the options in the grey box is a 3D rotation of the given 3D figure.

Example 3:

Options:

A   B   C   D   E

Questions:

Answer:

D
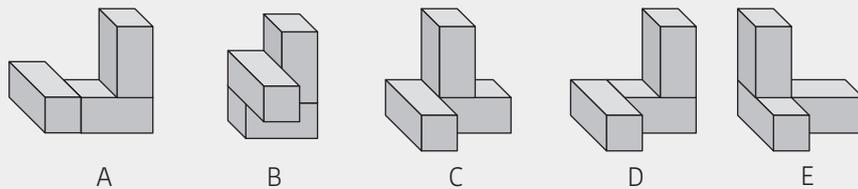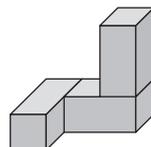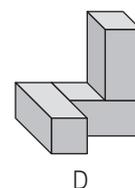
3D ROTATION

Options:
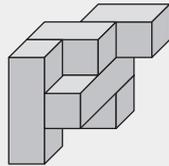
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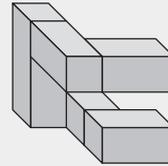
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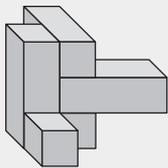
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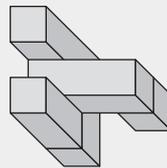
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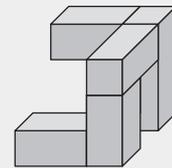
E

Questions:
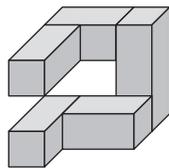
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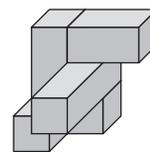
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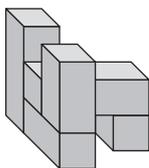
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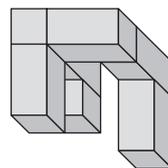
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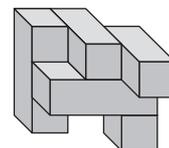
15

SECTION 4 - PUNCHING HOLES

Instructions:

The figures on the left show how a square was folded and then punched.

Work out which option shows the square when unfolded.

Example 4:
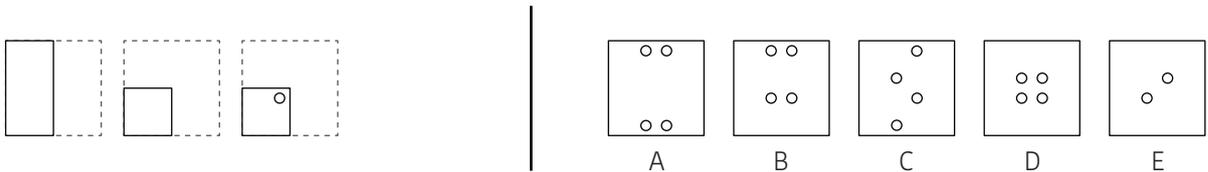
A   B   C   D   E

Answer:

D

PUNCHING HOLES

16

A   B   C   D   E

17

A   B   C   D   E

18

A   B   C   D   E

19

A   B   C   D   E

20

A   B   C   D   E

Proceed to the next page
> > >

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A stepping stone to success
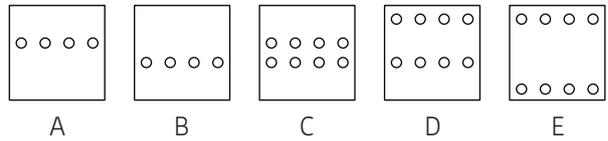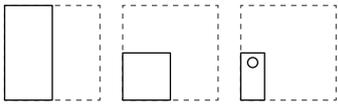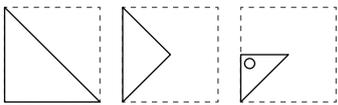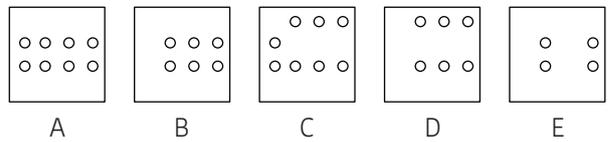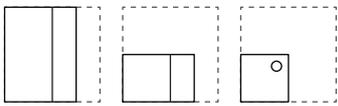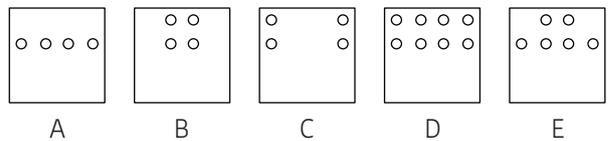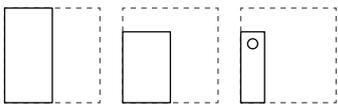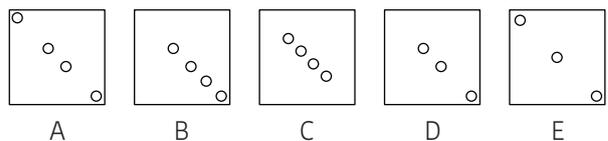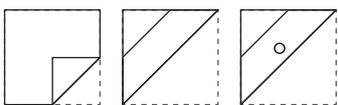
NON-VERBAL REASONING
SPATIAL REASONING
Paper 1 : Intermediate Level

ANSWER SHEET

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

Instructions:

Mark your answers like this: A ▭

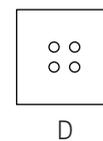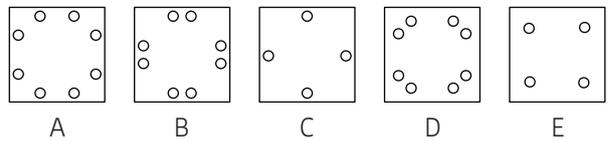| Example 1	Q1	Q2	Q3	Q4	Q5
A	A	A	A	A	A
B	B	B	B	B	B
C	C	C	C	C	C
D ▬	D	D	D	D	D
E	E	E	E	E	E

Example 2	Q6	Q7	Q8	Q9	Q10
A	A	A	A	A	A
B	B	B	B	B	B
C	C	C	C	C	C
D ▬	D	D	D	D	D
E	E	E	E	E	E

Example 3	Q11	Q12	Q13	Q14	Q15
A	A	A	A	A	A
B	B	B	B	B	B
C	C	C	C	C	C
D ▬	D	D	D	D	D
E	E	E	E	E	E

Example 4	Q16	Q17	Q18	Q19	Q20
A	A	A	A	A	A
B	B	B	B	B	B
C	C	C	C	C	C
D ▬	D	D	D	D	D
E	E	E	E	E	E

THE END