

# NON-VERBAL REASONING

## MERGING SHAPES

Paper 1

Intermediate Level

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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!

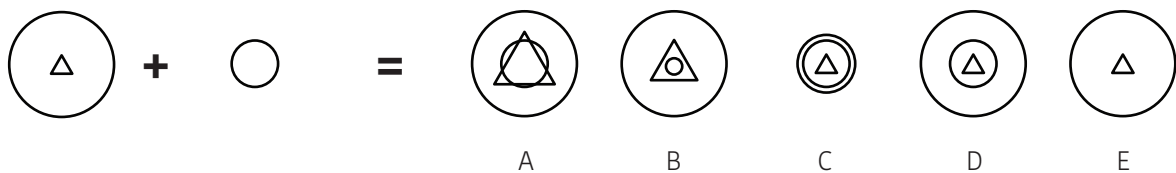


# SECTION 1 - ADDING SHAPES

## Instructions:

Work out which option is formed when the two figures on the left are added together.

### Example 1:



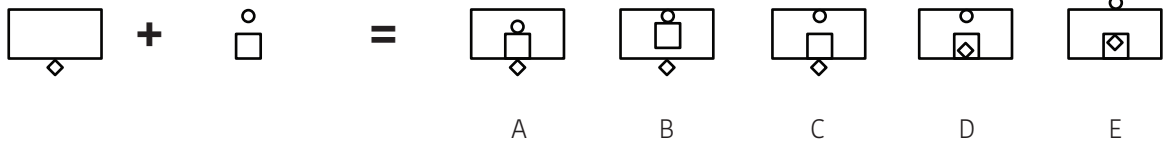
## Answer:

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

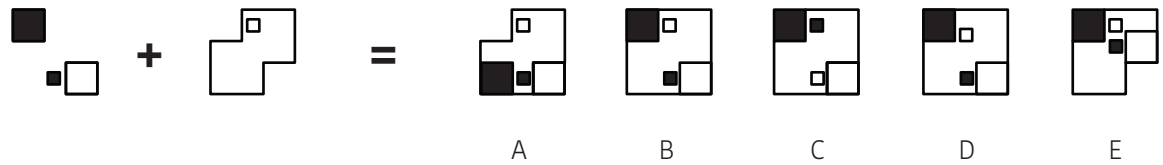


# ADDING SHAPES

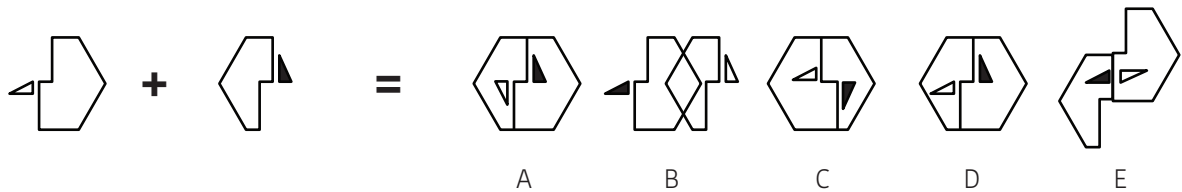
1



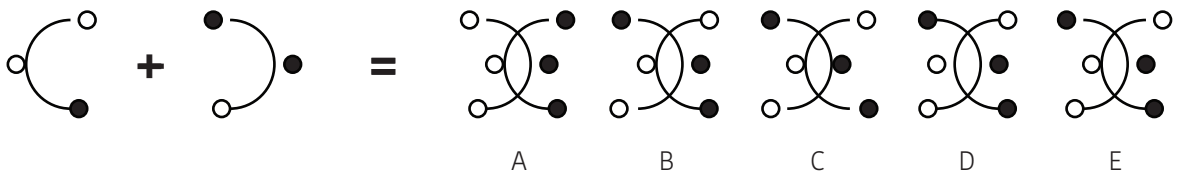
2



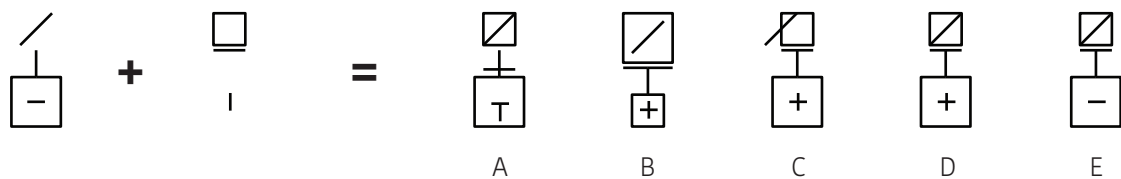
3



4



5

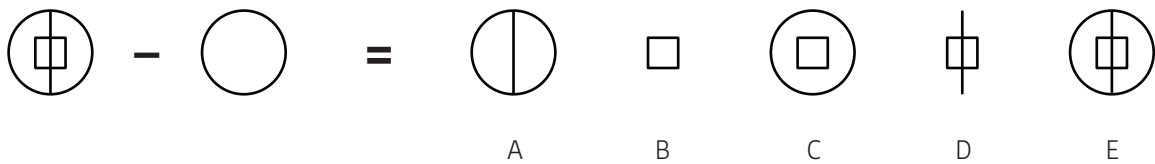


# SECTION 2 - SUBTRACTING SHAPES

## Instructions:

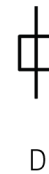
Work out which option is formed when the second figure on the left is removed from the first figure.

## Example 2:



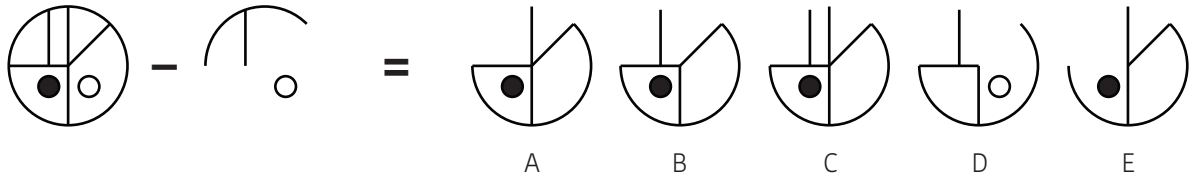
## Answer:

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

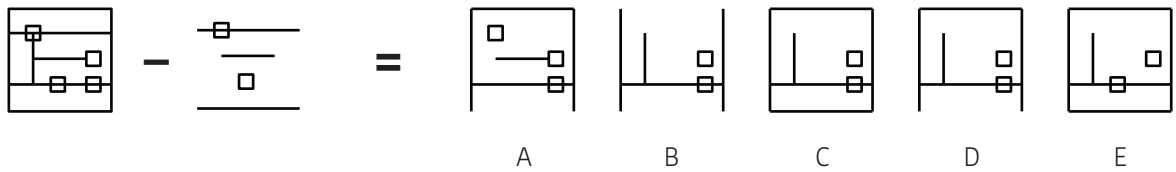


# SUBTRACTING SHAPES

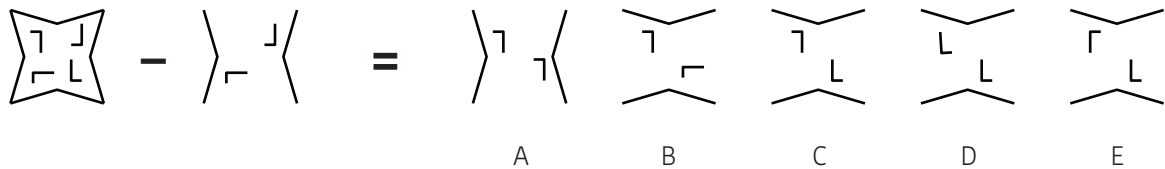
6



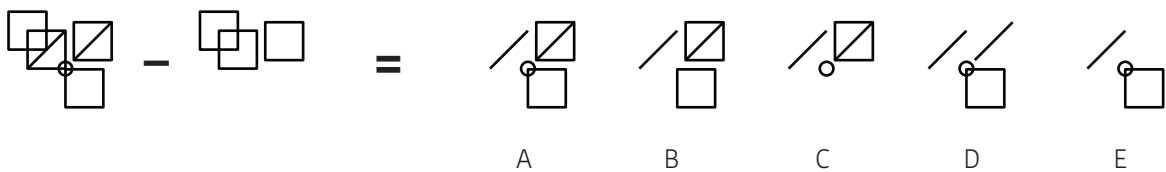
7



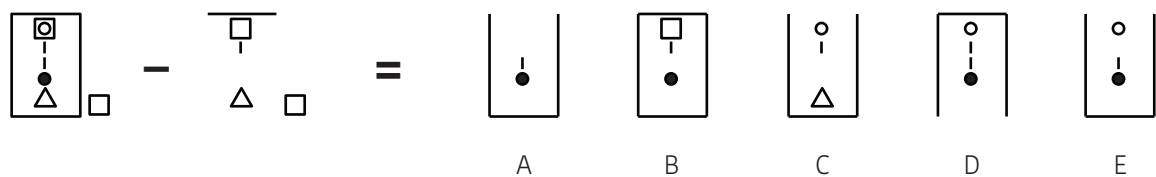
8



9



10

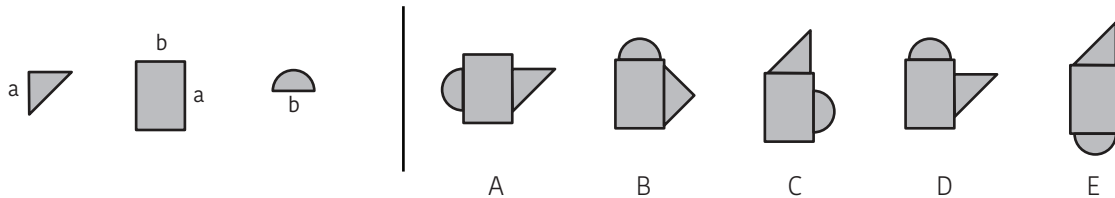


# SECTION 3 - MERGING SHAPES

## Instructions:

Work out which option would be formed if the three shapes on the left are merged together by connecting the sides with the same letter.

### Example 3:



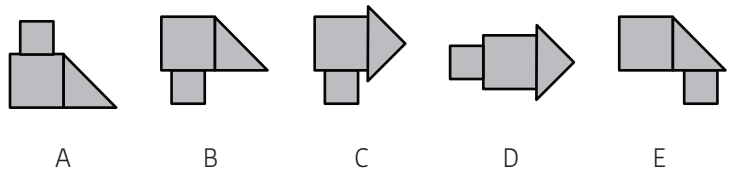
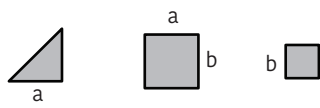
## Answer:

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

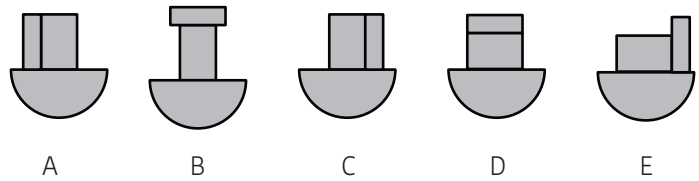
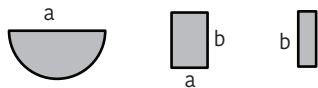


# MERGING SHAPES

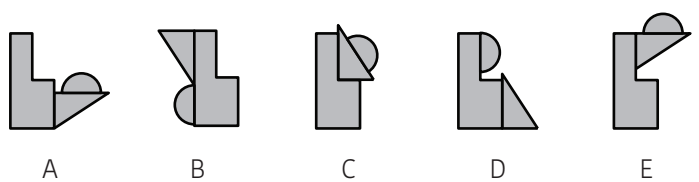
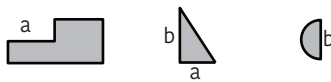
11



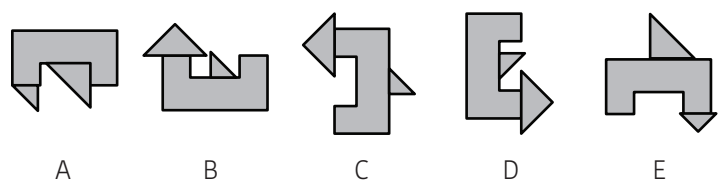
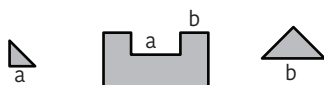
12



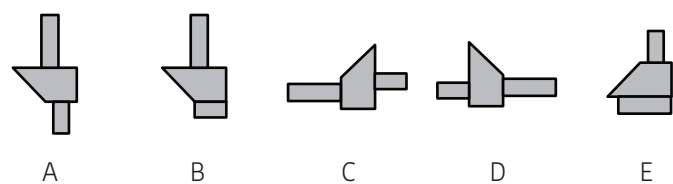
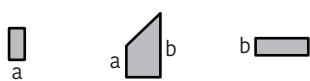
13



14



15

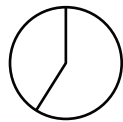


# SECTION 4 - HIDDEN SHAPES

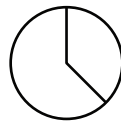
## Instructions:

Work out in which option is the figure on the left hidden.

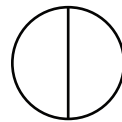
### Example 4:



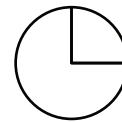
A



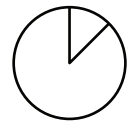
B



C



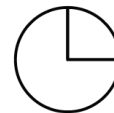
D



E

## Answer:

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

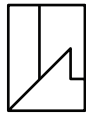
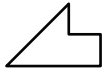


D

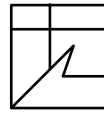


# HIDDEN SHAPES

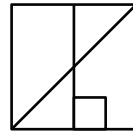
16



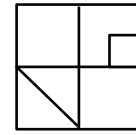
A



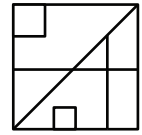
B



C

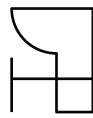


D

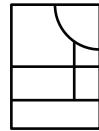


E

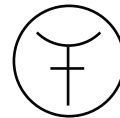
17



A



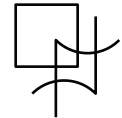
B



C

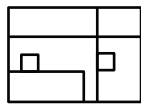


D

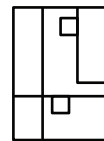


E

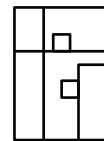
18



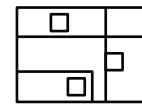
A



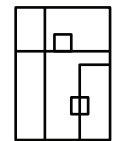
B



C

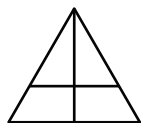


D

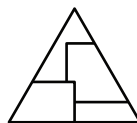


E

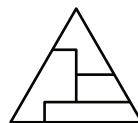
19



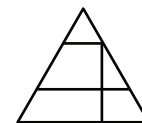
A



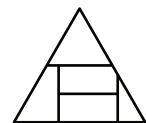
B



C

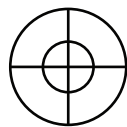
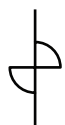


D

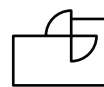


E

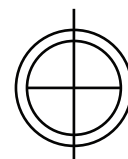
20



A



B



C



D



E

# NON-VERBAL REASONING

## MERGING SHAPES

### 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 <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
D <input style="width: 40px; height: 15px; border: 1px solid black; border-bottom: 3px double black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
Example 2	Q6	Q7	Q8	Q9	Q10
A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
D <input style="width: 40px; height: 15px; border: 1px solid black; border-bottom: 3px double black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
Example 3	Q11	Q12	Q13	Q14	Q15
A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
D <input style="width: 40px; height: 15px; border: 1px solid black; border-bottom: 3px double black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
Example 4	Q16	Q17	Q18	Q19	Q20
A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	A <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	B <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	C <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
D <input style="width: 40px; height: 15px; border: 1px solid black; border-bottom: 3px double black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	D <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>
E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>	E <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/>

THE END