

Psychometric Success

***Spatial
Ability***

Practice Test 1

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SPATIAL ABILITY – PRACTICE TEST 1

Spatial ability is required in technical and design jobs where drawings and plans are used, for example; architecture, surveying, engineering, and design. It is also important in some branches of science and technology where 3 dimensional components are interacting.

Spatial ability questions are not routinely used in graduate and management level tests unless the job specifically requires good spatial skills.

Spatial Ability		Operatives	Supervisory	Management
Craft & Technical		Y	Y	Y
Clerical & Administrative				
Police, Fire, Military etc.	Y	0 - Occasionally used in selection.		
Management Trainee	0			
Graduate & Professional	0			

There is one exception. If you are applying for a job in the military, police or emergency services then you may be asked one specific type of spatial question. This will involve a map or street plan and you will need to show that you understand directions as they appear on a map and that you can use the map to plan, follow or describe routes.

Do not be misled by the fact that some of these questions look similar to abstract reasoning questions. Spatial ability questions are concerned only with your ability to mentally manipulate shapes, not to identify patterns and make logical deductions. Unless the job you are applying for demands spatial skills, you are unlikely to face this type of question.

Remember, employers use spatial ability questions where the job involves: drawings, plans or the manipulation of shapes. You are not likely to be asked to mentally manipulate three dimensional shapes unless the job requires it.

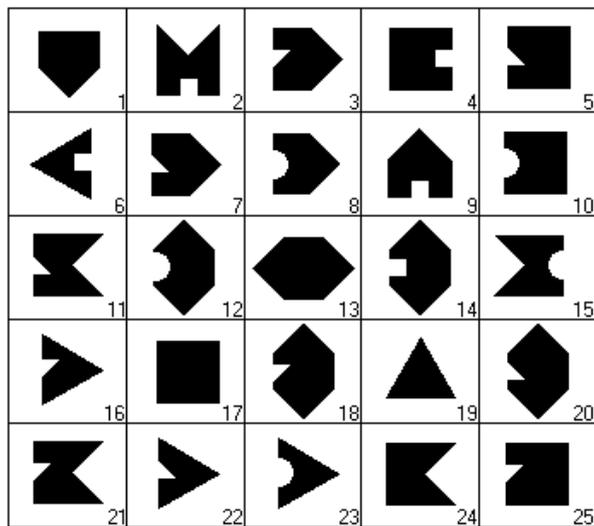
SPATIAL ABILITY – PRACTICE TEST 1

Test 1 – 45 Questions

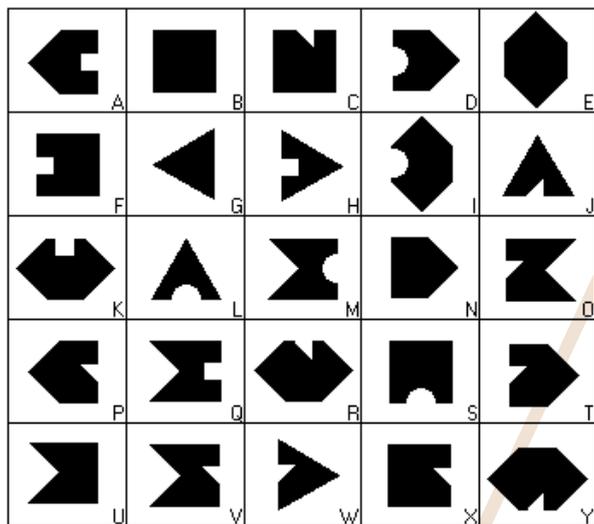
Answer as many questions as you can in 20 minutes.

The shapes in Group 1 and Group 2 are identical, although some of them may be rotated. Which shape in Group 2 corresponds to the shapes (1 to 25) in Group 1?

Group 1



Group 2

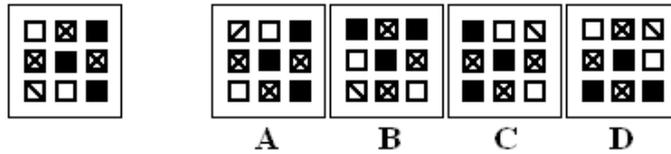


- | | | | | |
|-----|-----|-----|-----|-----|
| 1) | 2) | 3) | 4) | 5) |
| 6) | 7) | 8) | 9) | 10) |
| 11) | 12) | 13) | 14) | 15) |
| 16) | 17) | 18) | 19) | 20) |
| 21) | 22) | 23) | 24) | 25) |

SPATIAL ABILITY – PRACTICE TEST 1

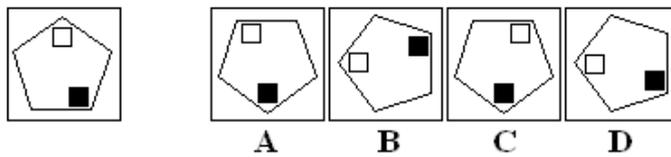
In the figures shown below, one of the shapes (A-D) is identical to the first figure but has been rotated.

26) Which figure is identical to the first?



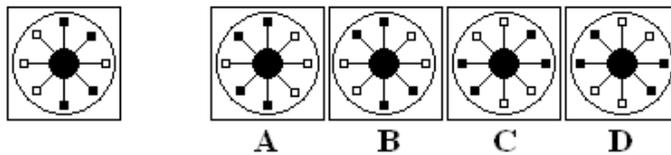
A B C D

27) Which figure is identical to the first?



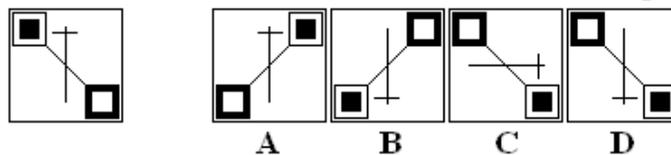
A B C D

28) Which figure is identical to the first?



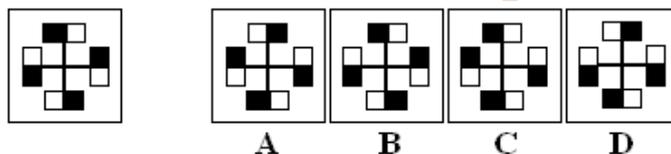
A B C D

29) Which figure is identical to the first?



A B C D

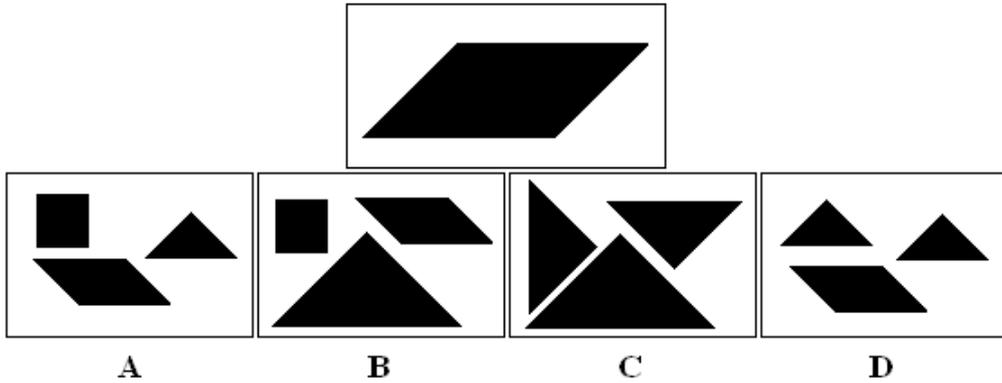
30) Which figure is identical to the first?



A B C D

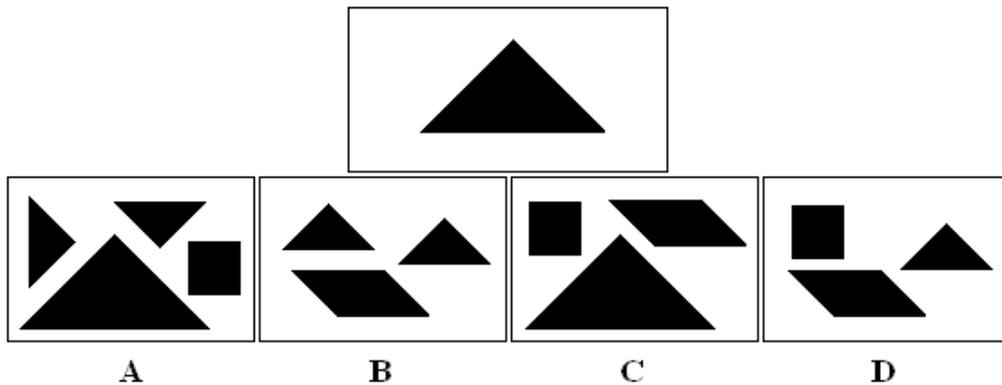
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31) Which group of shapes can be assembled to make the shape shown?



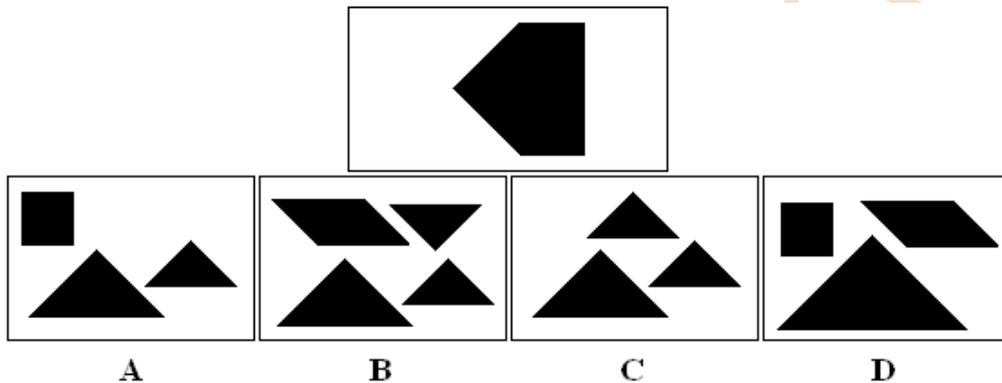
A B C D

32) Which group of shapes can be assembled to make the shape shown?



A B C D

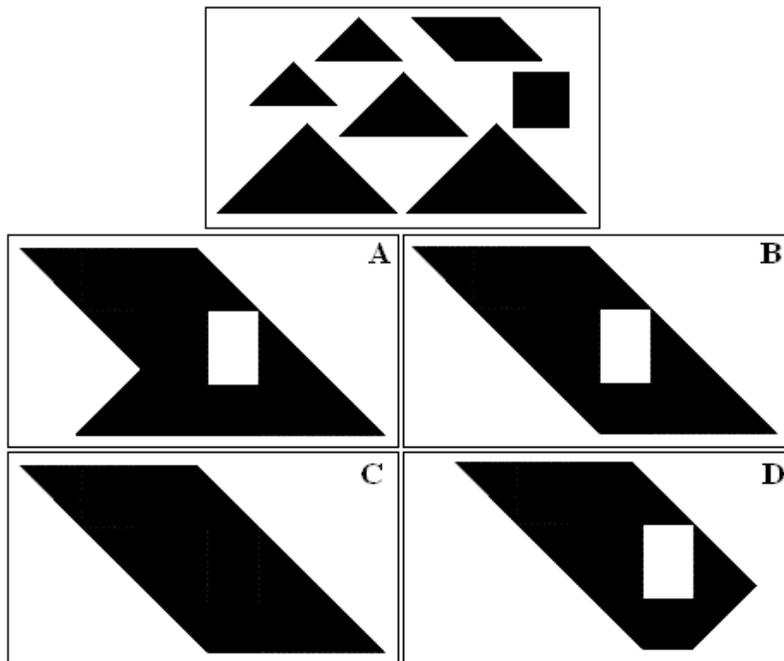
33) Which group of shapes can be assembled to make the shape shown?



A B C D

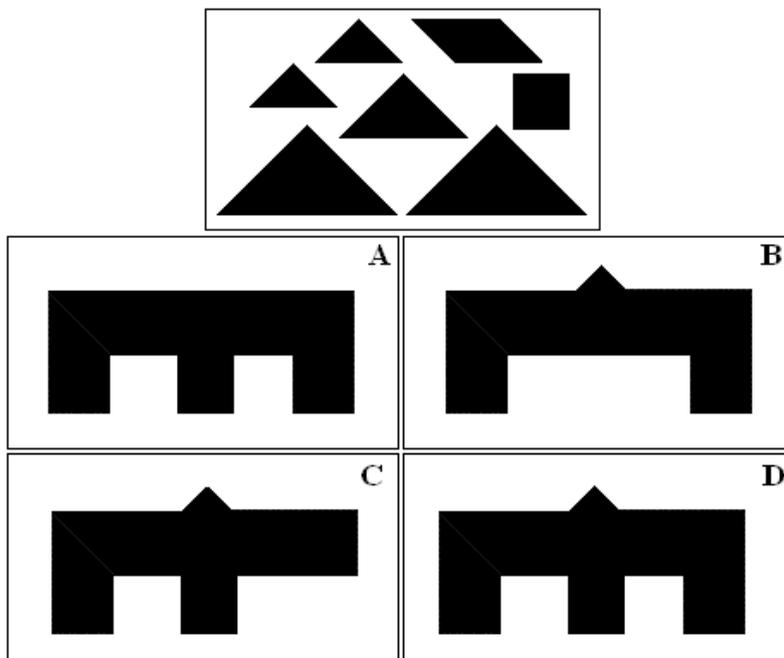
SPATIAL ABILITY – PRACTICE TEST 1

34) Which shape can be assembled using all of the individual shapes shown?



A B C D

35) Which shape can be assembled using all of the individual shapes shown?

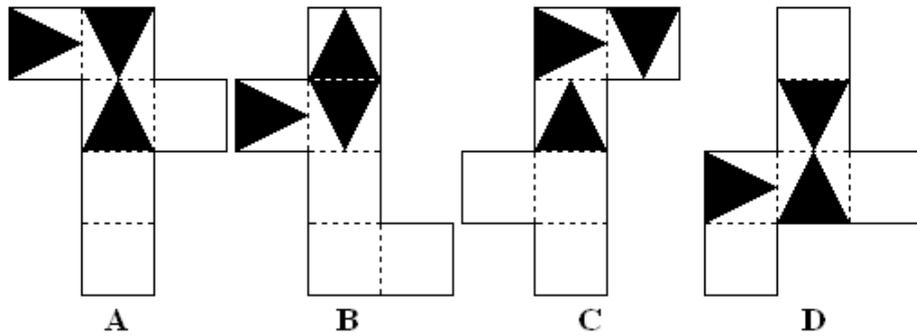


A B C D

SPATIAL ABILITY – PRACTICE TEST 1

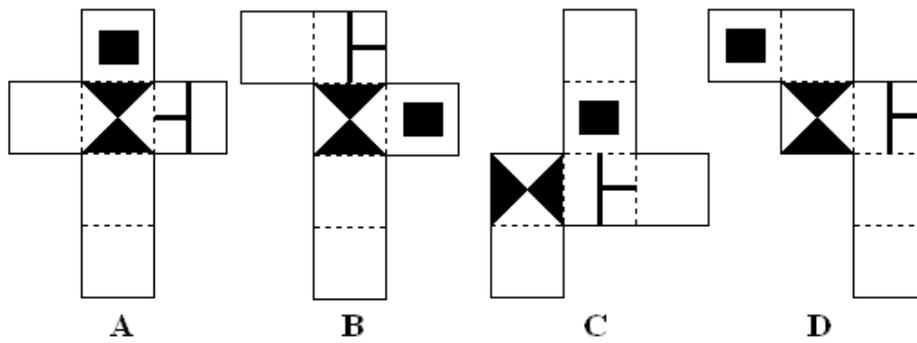
Which pattern can be folded to make the cube shown?

36)



A B C D

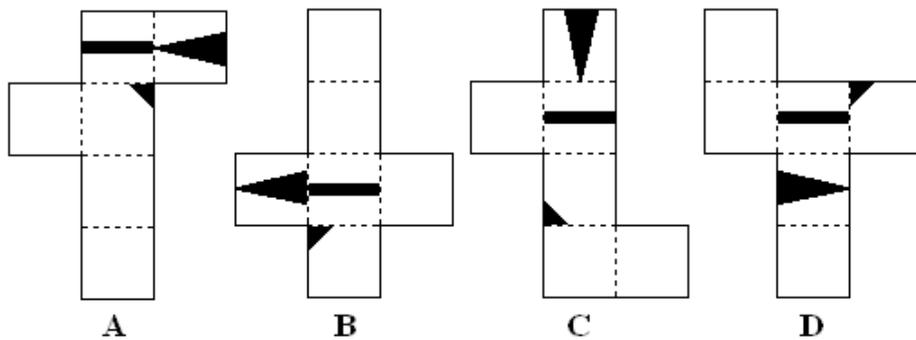
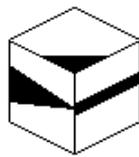
37)



A B C D

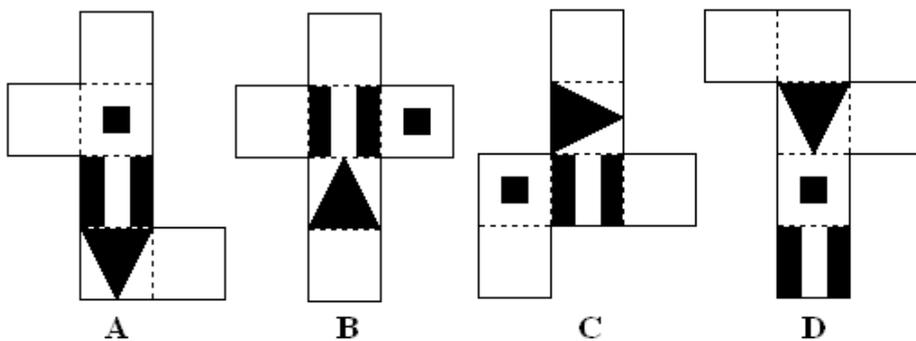
SPATIAL ABILITY – PRACTICE TEST 1

38)



A B C D

39)

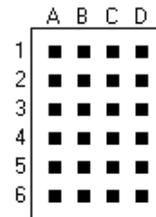
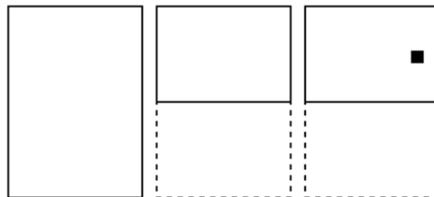


A B C D

SPATIAL ABILITY – PRACTICE TEST 1

The drawings show a sheet of paper which has been folded. The dashed lines indicate the whole sheet, each drawing represents a single fold. The black square shows where a hole was punched. Where do the holes appear when the sheet is unfolded?

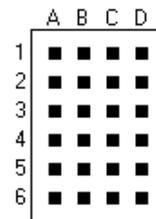
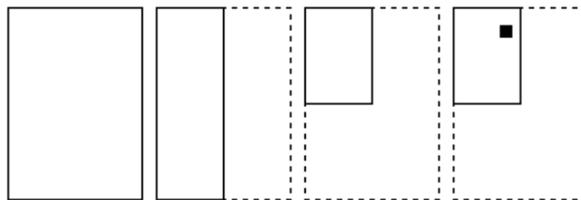
40)



A	B	C	D
2C,5C	2D,5D	3D,3D	2C,2D

A B C D

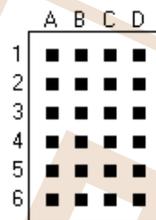
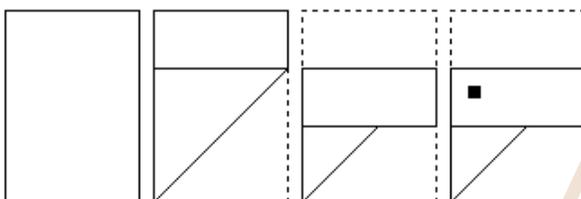
41)



A	B	C	D
1B,1C,5B,5C	2B,2C,5B,5C	1B,2C,6B,6C	1B,1C,6B,6C

A B C D

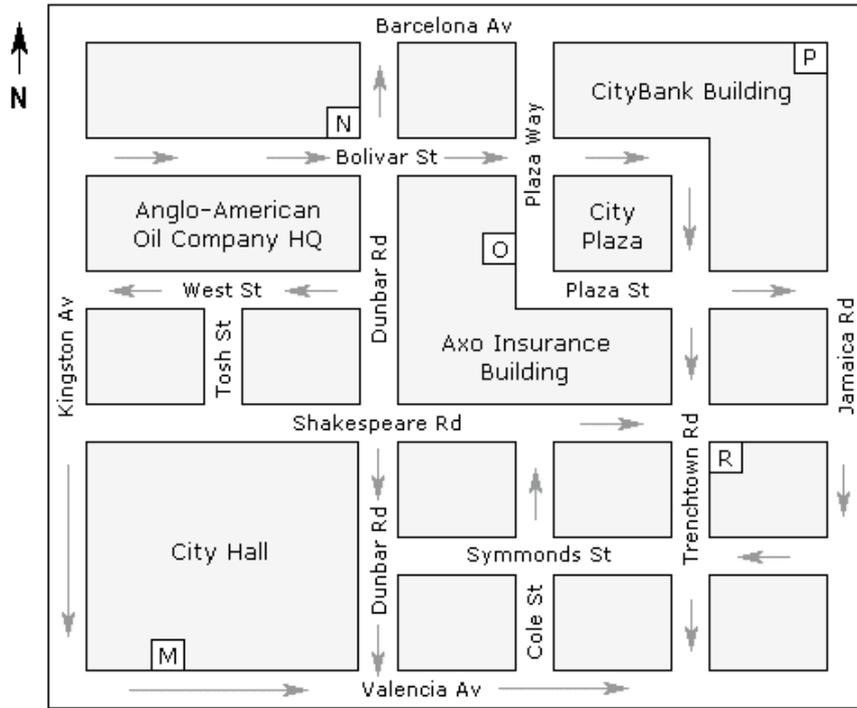
42)



A	B	C	D
3A,2A,6D	3A,5A,6D	3A,5A,3D	3A,2A

A B C D

SPATIAL ABILITY – PRACTICE TEST 1



43) Officer Perez is in Tosh St with City Hall to her right. What direction is she facing?

A	B	C	D
North	South	East	West

44) She turns and walks to the junction with West St. She then turns right and walks to the next junction before turning left. Where is location 'O' in relation to her position?

A	B	C	D
North	South	East	West

45) Officer Martinez starts from location 'M' and proceeds as follows: left onto Valencia Av - heading East, second left - heading North, second right - heading East, second left - heading North. He proceeds North for two blocks. What is his location?

A	B	C	D
N	O	R	P

End of Spatial Reasoning – Test 1

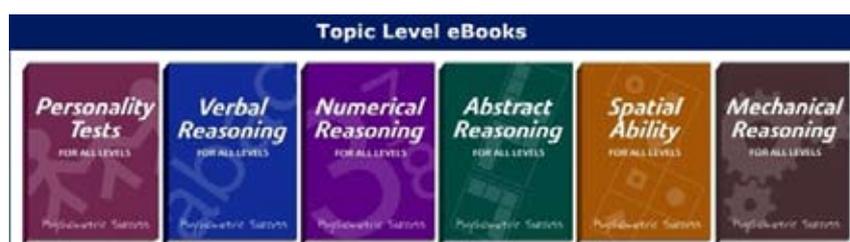
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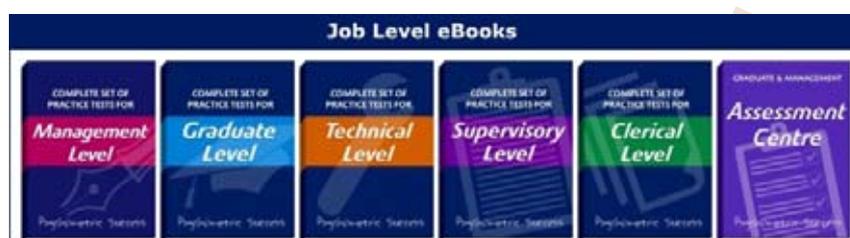
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<i>Answers</i>							
1)	N		16)	W		31)	C
2)	Q		17)	B		32)	B
3)	T		18)	R		33)	B
4)	F		19)	G		34)	B
5)	X		20)	Y		35)	D
6)	H		21)	O		36)	A
7)	P		22)	J		37)	B
8)	D		23)	L		38)	A
9)	A		24)	U		39)	B
10)	S		25)	C		40)	B
11)	V		26)	C		41)	D
12)	I		27)	B		42)	A
13)	E		28)	A		43)	C
14)	K		29)	D		44)	C
15)	M		30)	B		45)	D