

Investigation of Comprehensive Intelligence

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INTRODUCTION

Welcome to ICI, a heterogeneous "untimed" high range I.Q. test created by Logan Smith. ICI comprises the four intellectual quadrants, or sections: verbal, numerical, logical, and spatial. There are fifteen items per section. The aim of this test is to comprehensively investigate high range intelligence using a diversity of problems, each with unique divergent and/or convergent pattern recognition and reasoning demands.

INSTRUCTIONS

Please read carefully the following instructions and the instructions for each individual quadrant of the test.

As ICI is "untimed" and contains more items than usual tests, it is strongly suggested that one spends enough time trying to solve each item before one submits. Please devote at least 4 hours to each quadrant, spread across at least a week duration to attain representative results.

Do not discuss *any* of ICI's items and solutions with *any* other person. This is to uphold the integrity of the test. If somebody attempts to discuss any of ICI's items with you, please report the

proof to the IQexams facebook group or one of its admins.

However, use of any non-human resource, e.g. Google, is allowed and encouraged.

Each individual item yields one raw point if all of its respective solutions are correct. Alternative solutions will not be considered; ICI's score key is final.

Your total raw score and your raw score for each quadrant will be provided in your results. A link to ICI's latest norm will also be provided.

Only one submission will be accepted per candidate. Ensure that you've made no mistakes in your solutions before submitting.

When you are certain you have expended your best effort on the test and are ready to submit, send your solutions along with proof of ID, full name, age, nation of residence and all previous I.Q. scores (with standard deviations specified) to ici.hrtest@gmail.com . Please have visible on your ID only your name, surname, and nation of origin.

Requesting ID prevents multiple submissions from different emails by the same candidate. All personal information will remain confidential.

Please proceed to and delight in solving ICI.

QUADRANT ONE -- VERBAL

Determine the English word that completes each analogy. Each solution's number of letters is indicated within brackets to the right of its respective item. Please know how analogies work before attempting this section. Once you see the solution for an item, you'll be certain it's correct.

- i) most : clever :: moist : ? [7]
- ii) ceran : logan :: careen : ? [6]
- iii) level : depth :: scope : ? [7]
- iv) grow : tree : we : win :: brown : green : red : ? [4]
- v) then : knot :: when : ? [4]
- vi) ants : bout :: end : ? [3]
- vii) bittersweet : antonym :: claptrap : ? [5]
- viii) wurst : baddest :: batter : ? [5]
- ix) curve : nothing :: question : ? [8]
- x) grassland : lain :: jet : ? [4]
- xi) hour : minutes :: ici : ? [5]
- xii) rage : dice :: rave : ? [4]
- xiii) number : four :: color : ? [5]
- xiv) branch : root :: lie : ? [6]
- xv) time : window :: meme : ? [6]

QUADRANT TWO -- NUMERICAL

Numerically analyze the properties of each problem and determine its missing number or numbers. The mathematics knowledge requisite is elementary. For items with multiple question marks, separate solutions with commas in the order that they appear. Calculator use is encouraged.

- i) 0, 10, 102, 3102, 31402, ?,...
- ii) 121323, 22323, 633, 66, ?
- iii) 65, 434, ?, 221222, 111111101111
- iv) 60, 06, 30, 01, 2.5, ?,...
- v) 24, 146, 11366, 1133669, ?,...
- vi) 801, -81, 9 :: 8249, -625, ?, ?
- vii) 62, 36, 8, 729, ?,...
- viii) 64, 96, 144, 504, ?
- ix) 5153, 5, 751, 514, ?, ?,...
- x) 23, 6, 123, 666, 12183632, ?,...
- xi) 3334, 3005, ?, 2893, 2828, ?,...
- xii) 3, 361, 2, 15, ?, 033, ?,...
- xiii) 256, 706, 621, 158, ?, ?,...
- xiv) 1.41, 3.44, 2.07, 1.39, ?, ?,...
- xv) 1, 2, 720, 2224, 121, ?,...

QUADRANT THREE -- LOGICAL

Logically analyze the properties of each problem and determine what is missing. For items with multiple question marks, separate consecutive solutions with commas in the order that they appear. Several items are inspired by well-known logical systems, such as Roman numerals, the Gregorian calendar, alphanumerics, and others.

i) A, B, ?, O, P, Q, ?, 0, 4, 6, ?, 9

ii) LEAP [31, ?, ?, 30, 31, 30, 31, 31, 30, 31, 30, 31] YEAR

iii) S6543210, 7I543210, 76V43210, 75R30, ?

iv) Q]OP[WI]E]R[N]FK[JAN]D

Q, W, ?, ?, ?, ?, J, N

v) E, 5, V, 22, XXII :: ?, ?, ?, 9, ?

vi) 1 [1, 2, 5, 8, 11, 22, 55, ?, 88, ?] 100

vii) See Item 2 : rebmece, drebmevo, nrebo, tcore, ?, ?,...

viii) Which options are true?

A) NOT D

B) B AND D

C) A AND B AND C

D) NOT A AND NOT F

E) C OR D

F) A OR C OR E

G) NOT D OR NOT E

H) D OR NOT G

I) F AND G

ix) SOLUTION : EDBGFADC :: PROBLEM : ?

x) (351 : when) :: (482 : 504) :: (293 : ?) :: (? : 144)

xi) [D, D, B, D, ?, AE, B, F]

xii) See Item 7 : [?, 17, 23, 24, 26]

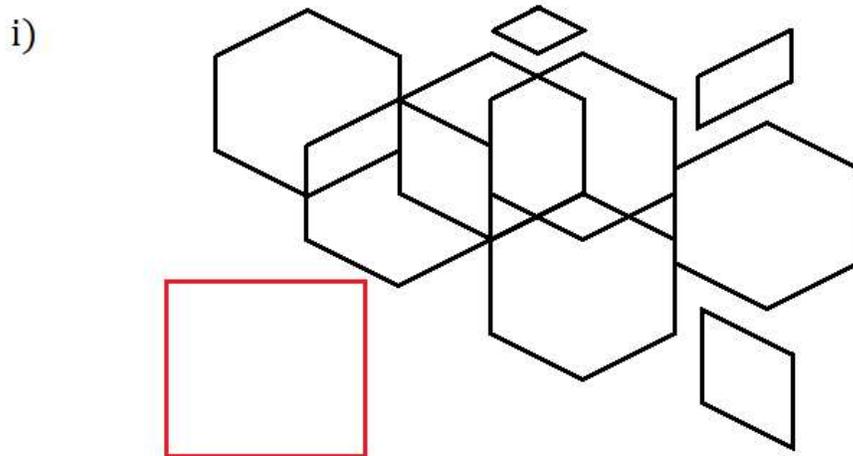
xiii) PERIODIC = Zn, S, ?, ?, P, Ar, Mg

xiv) [[[2],[2]],[[2],[2]]],[[[2],[2]],[[2],[2]]] : 2221 ::
[[[3,3,3,3],[3,3,3,3]],[[3,3,3,3],[3,3,3,3]]] : ?

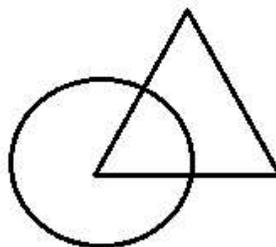
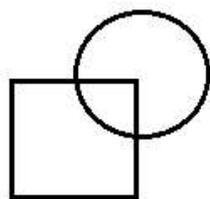
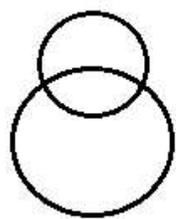
xv) 41, 91, 51, 11, 12, ?, 51, 551, 12, 11, 91,...

QUADRANT FOUR -- SPATIAL

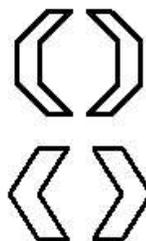
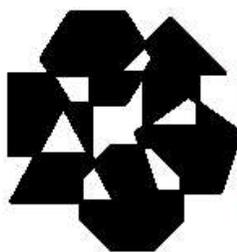
Spatially analyze the properties of each item and determine its missing figure or figures. Each red square denotes a solution; some items request multiple solutions for completion. For items with a red figure other than a square, use the red figure as a template to draw the rest of the solution. Some items have additional instructions. If you believe your drawing skills are poor, please include brief explanations with your drawings for each item to further prove you've solved the problem. The solutions may be drawn either on paper or graphics software. If you choose to draw on paper, send clear photographs of your solutions with your submission.



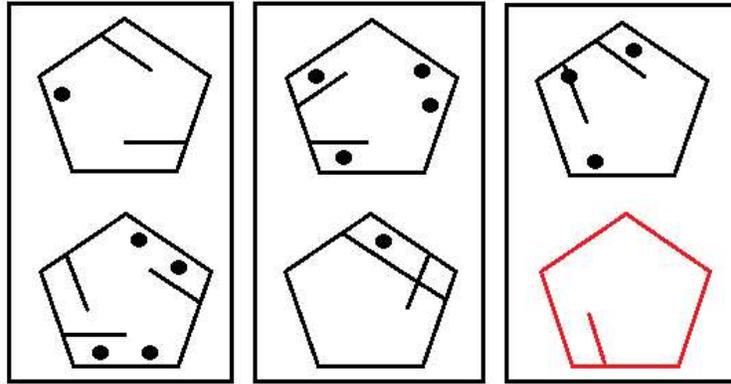
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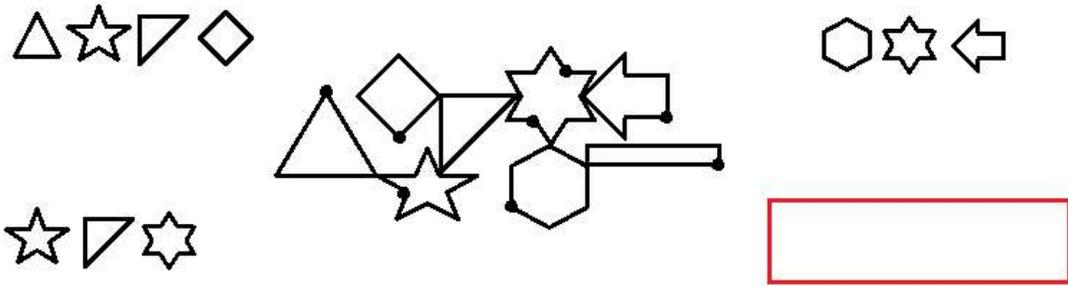
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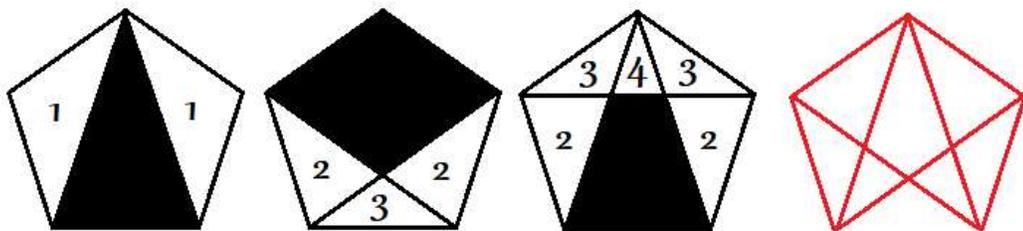
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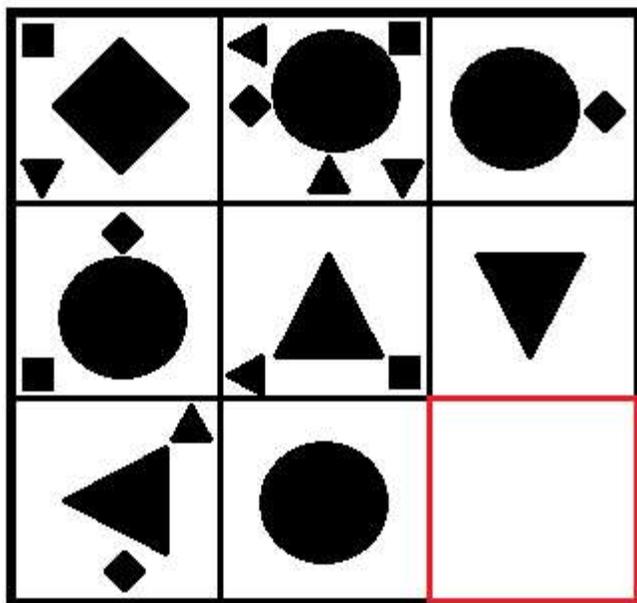
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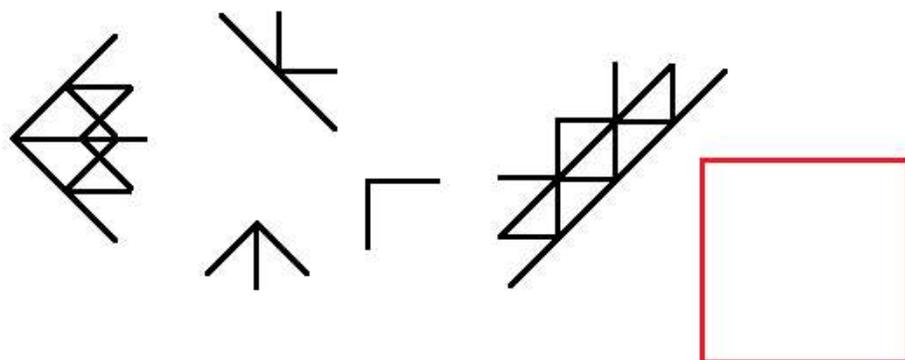
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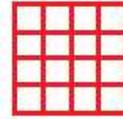
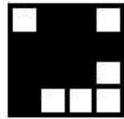
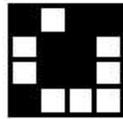
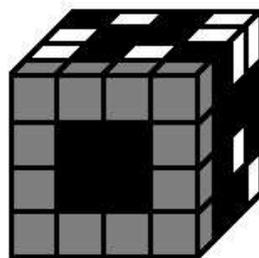
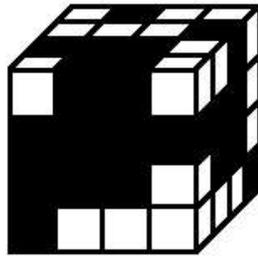
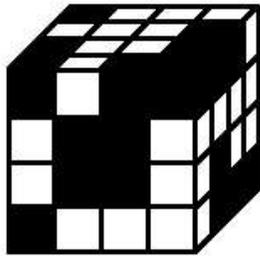
vii)



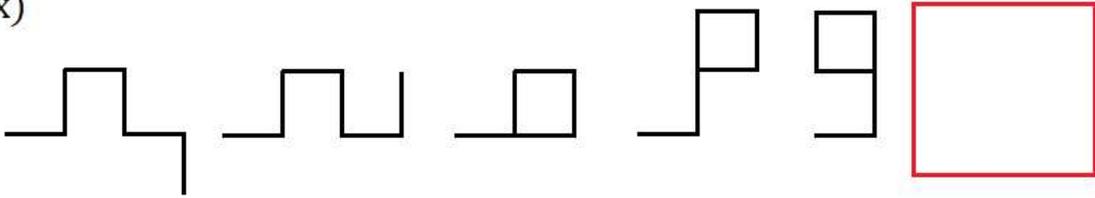
viii)



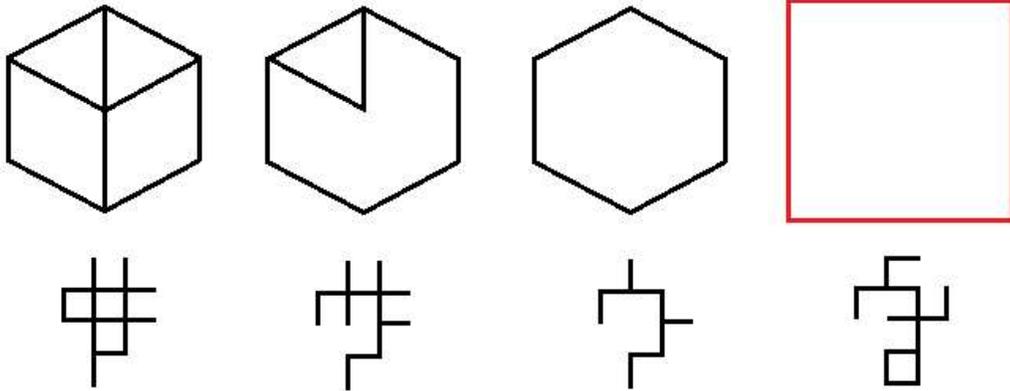
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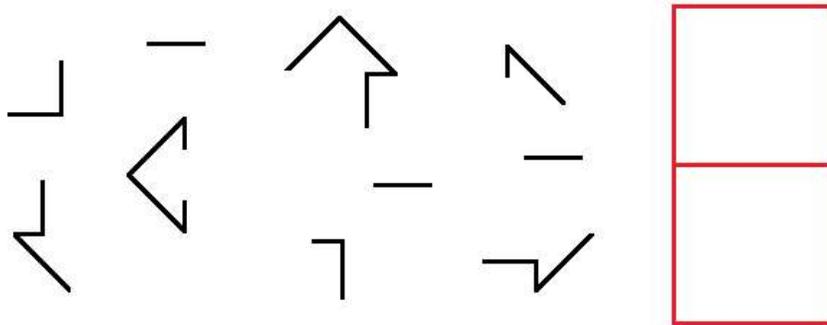
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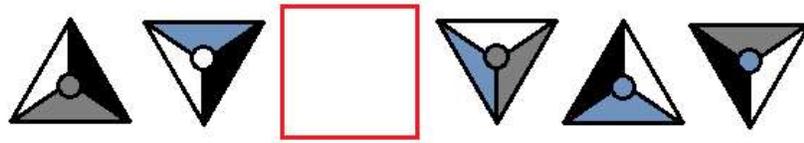
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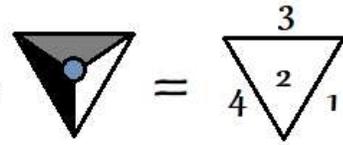
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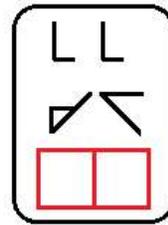
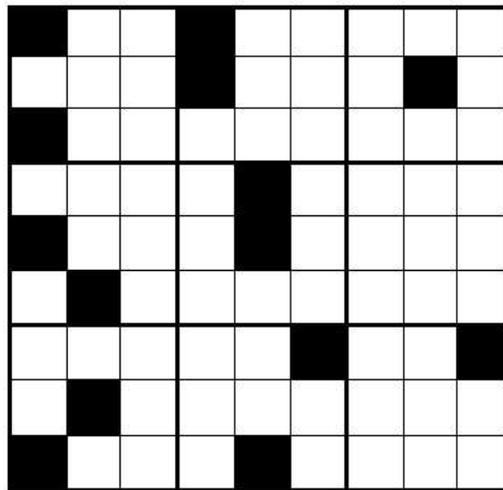
xiii)



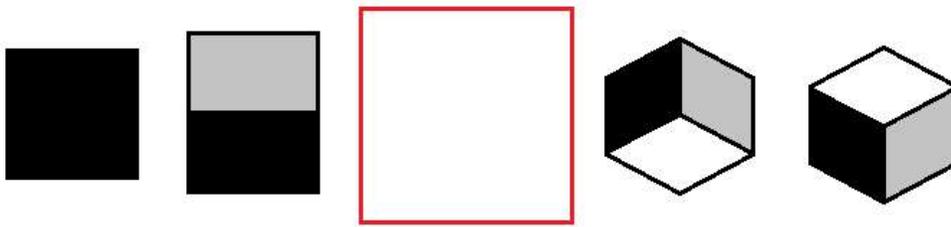
Draw your solution according to the following color code:



xiv)



xv)



Draw and explain your solution.

End of ICI.

