

## **Comprehensive Spatial Mental Inspection (COSMIC)**

**Released: April 1, 2018**

**Norm: Preliminary Norm I (10 testees)**

**Fee: 1st Attempt (Free)|2nd Attempt (\$5)**

**Test Designer: James Dorsey**

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### Test Information

**Cheating:** Do not discuss answers/hints. *No time limit.* *Two attempts* and *reference aids* are allowed. *No penalty* for guesses/wrong answers.

### Comprehensive Spatial Mental Inspection (COSMIC)

Observe the rotation and symmetry of the letters/numbers/symbols; for the solutions, use your keyboard – no drawing or software required!

#### I. Series

1. Complete the series:

. ? .~. .~.~ .~.~. .~.~.~

2. Complete the series:

?  
 ||| |  
 //| |  
 ||| |  
 //| |

3. Complete the series:

+  
 ?  
 +!  
 =!  
 +=  
 +=!

#### II. Matrices

4. Find the missing element in this matrix:

<	<	>
/_	?	

5. Find the missing element in this matrix:

+	+^-	-
"	?	;

6. Find the missing element in this matrix:

.	.'	'
%	#%	#
w	vW	v
/	?	\

#### III. Analogies

7. Complete the analogy:

' is to '' as : is to ?

8. Complete the analogy:

v!	: ^i	::  *H	: ?
v	i^	H*	

9. Complete the analogy:

^	: <*o	:: N	: ?
*	o*>	+	
o		x	

#### IV. Odd-One-Out

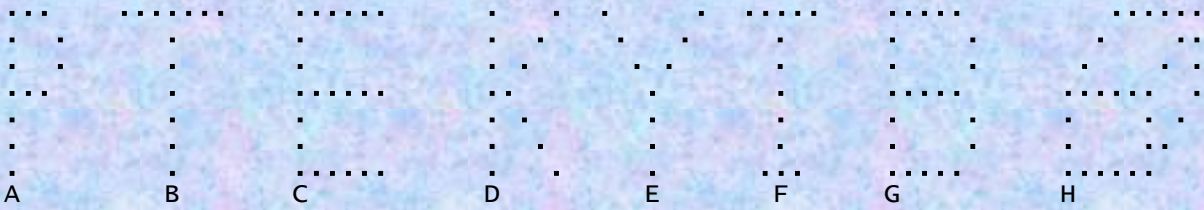
10. Select the letter (A, B, C, D, E, or F) of the item that is different from the others:

					
A	B	C	D	E	F

11. Select the letter (A, B, C, D, E, F, or G) of the item that is different from the others:

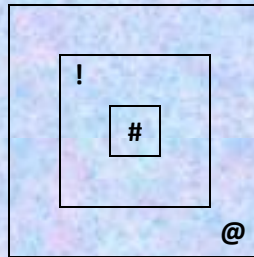
A	B	C	D	E	F	G

12. Select the letter (A, B, C, D, E, F, G, or H) of the item that is different from the others:

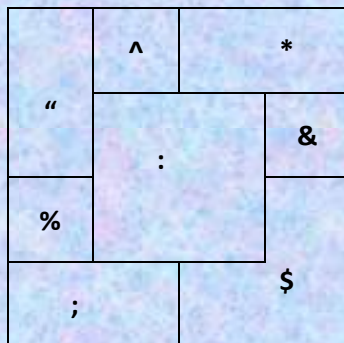


**V. Problem Solving**

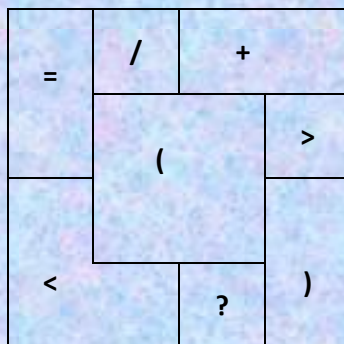
13. State the order that the following squares were put on top of each other:



14. State the order that the following overlapping same-sized squares were put on top of each other:



15. State the reverse order that the following overlapping same-sized squares were put on top of each other:



### Submission Information:

E-mail [OpalQuestGroup@gmail.com](mailto:OpalQuestGroup@gmail.com) the following information: **Full Name, Country, Age, Sex**, a clear scan of your **Photo ID** (State/Country ID, Driver's License, Passport, etc.) showing only your full name, age/birthdate, and country

#### Prior scores on IQ tests (if any):

Test Name|IQ(raw score if IQ is unknown)|SD (15/16/24)|Attempt(1<sup>st</sup>,2<sup>nd</sup>,...)|Year Taken|Test's website (if known). For example,  
 LogiNum |160 |SD 15 |3<sup>rd</sup> |2000 |http://www.loginum.com  
 NumVerb |164 |SD 16 |1<sup>st</sup> |1992  
 The NLogi |9 (raw score) |SD unknown |2<sup>nd</sup> |1987

Attempt (1<sup>st</sup> or 2<sup>nd</sup> time taking this test)

Your Solutions (For example):

1. 4
2. Circle
3. xox

Make sure you keep a copy of your solutions in case some of the best items appear in a future test; I will forward your email with them for \$1.

Norming and Scoring Fee System	Tests composed of new items		Tests composed of over 50% of previously used items/multiple choice items	
	1 <sup>st</sup> Attempt	2 <sup>nd</sup> Attempt	1 <sup>st</sup> Attempt	2 <sup>nd</sup> Attempt
N/A (<5) Estimate (5)	Free	\$5	\$5	\$10
<b>Preliminary Norms I II (10 20)</b>	<b>Free</b>	<b>\$5</b>	\$5	\$10
First Norm (30)	\$5	\$10	\$10	\$15
Second Norm (60)	\$10	\$15	\$15	\$20
Third Norm (90)	\$15	\$20	\$20	\$25
Final Norm (120)	\$20	\$25	\$25	\$30

**Bolded and underlined:** norming stage and current fees <http://www.paypal.me/OpalQuestGroup> to pay scoring fee (if any)

### Score Report Example:

Score Report: COSMIC
Type: Spatial
Items: 15
Candidate: Jane Doe
Raw Score: 1
IQ: 160 (s.d. = 15)
Percentile: 99.997%
Attempt: First
Date: April 1, 2018
Norm: First (based on 30 testees)
Scorer: <i>James Dorsey</i>
Verification code: JD-4.1.2018-0001A
Opal Quest Group    OpalQuestGroup@gmail.com    OpalQuestGroup.com

### Norming (May 2018)/Scoreboard

Norm (Z-score Equation): Prelim. Norm I (10 testees) Based on 1<sup>st</sup> Attempts: **Raw Median: 11 Mean: 11  $\sigma$ : 1.51 Split-Half Reliability: 0.5**

Correlations with other tests:	Correlation between age and raw score: soon	Estimated minimum g loading: soon	Pairs ( $\geq 3$ )	Correlation
GliaWeb Riddled Intelligence Test			4	0.98
12345			3	0.96
LSHR Light			3	0.56
OASIS			12	0.19
Figure			5	-0.26
Other tests (2 scores each): BOANT, AIT, MRI-30R, Numerus Light, Hieroglyphica, FREE Fall, Anoteleia 44, Titan Test, PIGS of the first degree, Numeralis Intelligentia, One Dollar IQ Test, VerbaLectIQ, DOMESTIQ, JCTI, Asterix, Einplex, Lexiq, Warp, WIT			38	0.46
For privacy, tests with only 1 score are not including on this list.				

Norm: Raw	IQ (SD 15)	Frequency (1 <sup>st</sup>   2 <sup>nd</sup> Attempts)	Scoreboard: Testees: 14 (1 <sup>st</sup> , 2 <sup>nd</sup> Attempts)
1	<80	0   0	X, X
2	<80	0   0	X, X
3	<80	0   0	X, X
4	82	0   0	X, X
5	91	0   0	X, X
6	100	0   0	X, X
7	110	0   0	X, X
8	119	1   2	Tonny Sellén, Alexandre Duran, Tonny Sellén
9	128	2   0	Nobuo Yamashita, Anfinn Bjartalíð, X
10	138	1   0	Alexandre Duran, X
11	147	4   0	Jim Lorrimore, Hidden, David Quint, Tiberiu Sammak, X
12	156	5   0	Heinrich Siemens, Daniel Hilton, Nguyen Tran Hoai Thuong, Jawdat Wehbe Wehbe, Joseph Hayes, X
13	166	0   3	X, Hidden, Jim Lorrimore, David Quint
14	175	1   1	Tim Roberts, Jawdat Wehbe Wehbe
15	184	0   0	X, X