Spatial Relations Latitude (SPIRAL)

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Released: April 1, 2022

Norm: Preliminary Norm II (20 testees)

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

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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.

Spatial Relations Latitude (SPIRAL)

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 row in this matrix:

!!11!!11 11!!11!! ? 11!!11!!

6. Find the missing element in this matrix (unlike the others, you can count on spending a lot of time trying to solve this matrix item):

* % % * % @ * @ % a % * % @ @ @ @ % %

III. Analogies

7. Complete the analogy:

6:9::p:?

8. Complete the analogy:

v : ∇ :: 7 : ?

9. Complete the analogy:

{:}::/:?

IV. Odd-One-Out

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

Q X D A B C

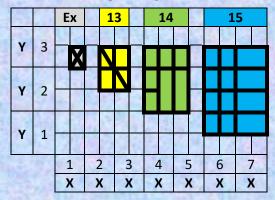
11. Select the letter (A, B, C, or D) of the item that is different from the others:

I N Z U A B C D

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

V. Problem Solving

Find where the missing line needs to be in order to complete the pattern for items 13, 14, and 15 (the items are individually colored)



Write coordinates going from left to right or top (corner) to bottom (corner). The missing line could be vertical, horizontal, or diagonal (each diagonal line is to be viewed as one continuous line connecting one corner of the bolded square to the other corner.

For example, imagine the following scenarios of missing lines for the smallest square in the example (Ex):

- If only the bottom horizontal line is missing, complete it with: Left (X, Y) = (1, 2.5) and Right (X, Y) = (1.5, 2.5)
- If only the right vertical line is missing, complete it with: Top (X, Y) = (1.5, 3) and Bottom (X, Y) = (1.5, 2.5)
- If only the \ diagonal (top left to bottom right) is missing, complete it with: Top corner (X, Y) = (1, 3) and Bottom corner (X, Y) = (1.5, 2.5)
- If only the / diagonal (top right to bottom left) is missing, complete it with: Top corner (X, Y) = (1.5, 3) and Bottom corner (X, Y) = (1, 2.5)

Please review the above examples before attempting the following items to understand the correct format for answering them.

- 13. Write the coordinates for item 13 going from left to right or top (corner) to bottom (corner) in the correct format: Left or Top (corner) (X, Y) = (?, ?) and Right or Bottom (corner) (X, Y) = (?, ?)
- 14. Write the coordinates for item 14 going from left to right or top (corner) to bottom (corner) in the correct format: Left or Top (corner) (X, Y) = (?, ?) and Right or Bottom (corner) (X, Y) = (?, ?)
- 15. Write the coordinates for item 15 going from left to right or top (corner) to bottom (corner) in the correct format: Left or Top (corner) (X, Y) = (?, ?) and Right or Bottom (corner) (X, Y) = (?, ?)

Submission Information:

E-mail 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(1st,2nd,...)|Year Taken|Test's website (if known). For example,

LogiNum | 160 | SD 15 | 3rd | 2000 | http://www.loginum.com

NumVerb | 164 | SD 16 | 1st | 1992 The NLogi | 9 (raw score) | SD unknown | 2nd | 1987

Attempt (1st or 2nd time taking this test)

Your Solutions (For example):

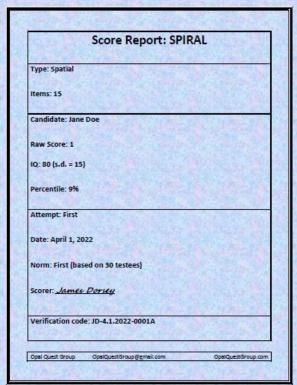
- 1. 4
- 2. Circle
- 3. xox

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	
Norming Stage (# of Testees)	1 st Attempt	2 nd Attempt	1 st Attempt	2 nd Attempt
N/A (<5) Estimate (5)	Free	\$5	\$5	\$10
Preliminary Norms I II (10 20)	Free	<u>\$5</u>	\$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:



Norming (January 2023)/Scoreboard

Norm (Rank Equation): Prelim. Norm II (20 testees) Based on 1st Attempts: Raw Median: 11 Mean: 11.17 σ : 1.97 Split-Half Reliability: 0.64 Correlations with other tests: Correlation between age and raw score: N/A Estimated minimum g loading: N/A Pairs (>3) Correlation

Correlations with other tests:	Correlation between age and raw score: N/A	Estimated minimum g loading: N/A	Pairs (≥ 3)	Correlation
Numerus Light		THE PERSON NAMED IN COLUMN	3	1
Mathema			3	0.99
Rhyming Riddles			7	0.77
Lux25	THE RESIDENCE OF THE PARTY OF T	THE RESERVE THE PARTY OF THE PA	3	0.76
METEOR			11	0.70
IGNITER	TANKS TO SHE WAY TO SHE WAY TO SHE	THE CONTRACTOR OF THE PARTY OF	12	0.68
ASMuDi			10	0.58
Replacement Riddles			11	0.49
CELESTIAL	STORY OF THE STREET, STORY OF THE STREET	A STATE OF THE PARTY OF THE PAR	13	0.48
Reduction Riddles			9	0.46
Alphabet	EXPRESSION STREET, STR	10000000000000000000000000000000000000	15	0.41
FREE Fall			5	0.40
Asterix			4	0.40
OASIS		ACCOUNT OF THE PARTY OF THE PAR	15	0.35
ILLUSION			16	0.32
Figure			9	0.28
COSMIC		THE RESIDENCE OF THE PARTY OF T	18	0.20
SPECTRA			10	0.18
Hieroglyphica	STATE OF THE PARTY	Street of the state of the state of	3	0.10
Warp			4	-0.09
MultDiv	the agent of the the	Company of the second	8	-0.14
LSHR Light	15公司的国际中国 医克拉斯氏 人名西西	对 在一些一定也是是一个更多。他对不	6	-0.17
PatNum			13	-0.23
WIT		TO THE OWNER WHEN THE PARTY OF	5	-0.24
AdSub	A CONTROL OF THE PARTY OF THE P	AND THE RESIDENCE	13	-0.30
Lexiq		PARTY AND DESCRIPTION OF THE PARTY AND THE P	5	-0.55
- Revision 2016, Mach, PIGS of the 3 EMC-30R	s Classic, SLSE I, Gliaweb Riddled Intelligence Test – 3rd degree, Numericore, Einplex, GIFT Verbal, Numeru		28	0.12
For privacy, tests with only 1 score are	e not including on this list.	OF THE SECTION OF THE SECTION OF	The state of the	

			ARE DESCRIPTION OF ARE DESCRIPTION OF ARE DESCRIPTION.
Norm: Raw	IQ (SD 15)	Frequency (1 st 2 nd Attempts)	Scoreboard: Testees: 23 (1 st , 2 nd Attempts)
1	<70	0 0	X, X
2	<70	0 0	X, X
3	< 70	0 0	X, X
4	< 70	0 0	X, X
5	< 70	0 0	X, X
6	< 70	0 0	X, X
7	80	0 1	X, Hidden
8	110	3 0	Hidden2, Hidden3, Hidden7, X
9	123	2 0	Hidden, Hidden4, X
10	131	4 0	Lukáš Puškáš, Enoch Kwak, Hidden6, Hidden8, X
11	142	3 2	Göran Ählander, Niels Ellevang, Jewoong Moon, Mohammed Benazzi, Tiberiu Sammak
12	146	5 1	Jim Lorrimore, Susumu Ota, Andrew Hayles, Hidden5, Ivan Veljačić, Marco Falchi
13	156	3 3	Mohammed Benazzi, Tiberiu Sammak, Marco Falchi, Nobuo Yamashita, Susumu Ota, Hidden5
14	161	2 0	Nobuo Yamashita, King Fuei Lee, X
15	166	1 0	Jo Christopher M. Resquites, X