

Contest: Original Visual Abstract Logic (OVAL)

Start: April 1, 2025

End: June 19, 2025 11:59pm ET

Norm: Estimate (5 testees)

Fee: 1st Attempt (\$5)|2nd Attempt (\$10)

Prizes for Top 3 performers!

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.

Original Visual Abstract Logic (OVAL)

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:

b d p ?

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:

XXX	XXX	XXX
XX*	XX*	XXX
XX*	XXX	XX*

X*X	XXX	X*X
XXX	**X	**X
*XX	*X*	XX*

X*X	XXX	?
XX*	***	
X	*X*	

III. Analogies

7. Complete the analogy:

H : H :: I : ?

8. Complete the analogy:

∇ : Δ :: o : ?

9. Complete the analogy:

Note (going from left to right of the analogy): **o** is directly above the right line and **x** is directly below the left line; **x** is directly above the right line and **o** is directly below the left line; **#** is directly above the right line and **\$** is directly below the right line.

o	:	x	::	#	:	?
--		--		--		
x		o		\$		

IV. Odd-One-Out

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

Z @ X
A B C

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

*** * **
* *** **
A B C

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

* * * * * * * * * *
* * * * * * * *
* * * * * * * *
A B C D

V. Problem Solving

13. On a narrow table, there are 4 stickers placed next to each other going from left to right, each with a large symbol printed on them:

- 1 sticker has a ! printed on it
- 2 stickers have a @ printed on them
- 1 sticker has a # printed on it

Clue based on the positions of the stickers:

- ! sticker can only touch @ stickers

Using the clue, write the proper positions for all 4 stickers (going from left to right in this format: ???): @??#

14. On a narrow table, there are 10 stickers placed next to each other going from left to right, each with a large symbol printed on them:

- 2 stickers have a ! printed on them
- 3 stickers have a @ printed on them
- 3 stickers have a # printed on them
- 2 stickers have & printed on them

Clues based on the positions of the stickers:

- ! stickers can only touch @ stickers
- & stickers cannot touch @ stickers
- The symbols on either side of @ stickers must be different from each other

Using the clues, write the proper positions for all 10 stickers (going from left to right in this format: ??????????): !???#@??&

15. On a narrow table, there are 10 stickers placed next to each other going from left to right, each with a large symbol printed on them:

- 3 stickers have a ! printed on them
- 3 stickers have a @ printed on them
- 2 stickers have a # printed on them
- 2 stickers have a & printed on them

Clues based on the positions of the stickers:

- & stickers can only touch & stickers or # stickers
- ! stickers can only touch @ stickers
- The symbols on either side of # stickers must be different from each other

Using the clues, write the proper positions for all 10 stickers (going from left to right in this format: ??????????): !???&#??!

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.

Contests	1 st Attempt	2 nd Attempt	Norming Stage (# of Testees)
Mixed/Mystery Contests	\$10	\$20	N/A (<5) Estimate (5)
IQ Contests	\$5	\$10	Preliminary Norms I/II (10/20)
Progressive One Contests	\$1	\$2	First Norm (30)
Quick Day/Psychic Contests	Free	\$1	Second Norm (60)
Bolded and underlined: norming stage and current fees			Third Norm (90)
http://www.paypal.me/OpalQuestGroup to pay scoring fee (if any)			Final Norm (120)

Score Report Example:

Score Report: OVAL

Type: Spatial

Items: 15

Candidate: Jane Doe

Raw Score: 1

IQ: 80 (s.d. = 15)

Percentile: 9%

Attempt: First

Date: April 1, 2025

Norm: First (based on 30 testees)

Scorer: *James Dorsey*

Verification code: JD-4.1.2025-0001A

Opal Quest Group OpalQuestGroup@gmail.com OpalQuestGroup.com

Norming (April 2025)/Scoreboard

Norm (Rank Equation): Estimate (5 testees) Based on 1st Attempts: **Raw Median:** 15 **Mean:** 14 **σ :** 1.55 **Split-Half Reliability:** 0.94

Correlations with other tests:	Correlation between age and raw score: N/A	Estimated minimum g loading: N/A	Pairs (≥ 3)	Correlation
IGNITER			5	0.97
PatNum			5	0.97
Alphabet			4	0.95
Reduction Riddles			3	0.93
SPECTRA			3	0.93
COSMIC			5	0.87
ASMuDi			4	0.86
METEOR			5	0.86
Rhyming Riddles			3	0.79
ILLUSION			5	0.76
CELESTIAL			4	0.52
OASIS			5	0.42
Lux25			3	0
Figure			3	N/A
Tests with 2 pairs: AdSub, MultDiv, Replacement Riddles, Lexiq, Numerus Classic, Warp, FREE Fall, WIT, Asterix			18	0.70
For privacy, tests with only 1 score are not including on this list.				

Norm: Raw	IQ (SD 15)	Frequency (1 st 2 nd Attempts)	Scoreboard: Testees: 5 (1 st , 2 nd Attempts)
1	<70	0 0	X, X
2	<70	0 0	X, X
3	71	0 0	X, X
4	78	0 0	X, X
5	84	0 0	X, X
6	90	0 0	X, X
7	96	0 0	X, X
8	102	0 0	X, X
9	108	0 0	X, X
10	114	0 0	X, X
11	120	1 0	Hidden, X
12	126	0 0	X, X
13	133	0 0	X, X
14	139	1 0	Michael Papadopoulos, X
15	144	3 0	Susumu Ota, Jim Lorrimore, Nobuo Yamashita, X