

Analytical Reasoning Test (ART)

Compilation Test

Released: April 1, 2021

Norm: Preliminary Norm II (20 testees)

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

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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.

Analytical Reasoning Test (ART)

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:

/o w/ \v |w
v| x\
? o_

II. Matrices

4. Find the missing element in this matrix:

v	-	^
A		A
O	+	?

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:

) (: (:: / \ : ?

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:



A B C

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



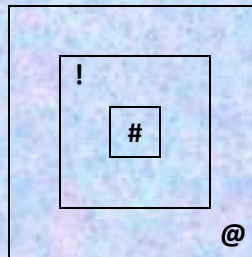
A B C D E F G

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

F T L M Z P U K A C
A B C D E F G H I J

V. Problem Solving

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



14. Select the letter (A, B, C, D, E, or F) of the item that needs to be removed to make the series correct:

{ {} {{{} {{{}} {{{}}} {{{{}}}
A B C D E F

15. Abe purchased a large bar of soap in the shape of a perfect cube with 12-inch sides. He wants to cut the soap to share pieces of it with his friends. If he makes 2 straight cuts through the bar of soap, what is the maximum amount of pieces (without moving them)?

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	
	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	\$5	\$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: ART
Type: Spatial
Items: 15
Candidate: Jane Doe
Raw Score: 15
IQ: 178 (s.d. = 15)
Percentile: 99.99999%
Attempt: First
Date: April 1, 2021
Norm: First (based on 30 testees)
Scorer: <i>James Dorsey</i>
Verification code: JD-4.1.2021-0001A
Opal Quest Group OpalQuestGroup@gmail.com OpalQuestGroup.com

Norming (December 2022)/Scoreboard

Norm (Rank Equation): Prelim. Norm II (20 testees) Based on 1st Attempts: **Raw Median:** 13 **Mean:** 12.73 **σ :** 1.76 **Split-Half Reliability:** 0.68

Correlations with other tests:	Correlation between age and raw score: soon	Estimated minimum g loading: soon	Pairs (≥ 3)	Correlation
Numerus Light			3	1
PIGS 3 rd degree			3	0.96
Rhyming Riddles			9	0.93
LSHR Light			5	0.80
Reduction Riddles			8	0.80
PatNum			10	0.79
Asterix			4	0.76
ASMuDi			9	0.75
Alphabet			15	0.74
METEOR			10	0.71
GRIT			5	0.65
ILLUSION			16	0.62
Replacement Riddles			8	0.61
IGNITER			8	0.55
Lexiq			4	0.43
AdSub			10	0.40
SPECTRA			9	0.39
COSMIC			16	0.32
OASIS			13	0.29
Figure			8	0.28
MultDiv			5	0.24
FREE Fall			5	0.23
CELESTIAL			11	0.23
WIT			6	-0.28
Reason Behind Multiple Choice – Revision 2008			3	-0.38
Mathema			3	-0.63
Lux25			4	N/A
Warp			3	N/A
Register			3	N/A
Other tests with 2 score pairs: One Dollar Test, LS36, houdinIQ37, CHROME30, Logica Rapido, radius32, Cube, ArithmetIQ 3E, Triple O2, Andromeda, Numerus Classic, Mach, Numericore, MRI-30R, SLSE I, VAULT, Numerus, FREE Fall Pt. 2, Hieroglyphica, Test for Genius 2016, SEE30			42	0.27
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: 22 (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	79	0 0	X, X
7	88	1 0	Hidden2, X
8	98	0 0	X, X
9	108	0 1	X, Andrius Jodinskas
10	118	1 0	Andrius Jodinskas, X
11	127	3 0	Mohammed Benazzi, Enoch Kwak, Göran Åhlander, X
12	134	1 1	Nobuo Yamashita, Susumu Ota
13	144	7 3	Jim Lorrimore, Anfinn Bjartalið, Susumu Ota, Anthony Sepulveda, Martin Engstler, Lukáš Puškáš, Hidden4, Mohammed Benazzi, Martin Engstler, Hidden3
14	157	8 3	Hidden, Jo Christopher M. Resquites, Andrew Hayles, King Fuei Lee, Kirk Butt, Niels Ellevang, Nima Karimi-Busheri, Marco Falchi, Hidden, Jim Lorrimore, Niels Ellevang
15	164	1 2	Tiberiu Sammak, Jo Christopher M. Resquites, Nima Karimi-Busheri