

**Analytical Reasoning Test (ART)**

**Compilation Test**

**Released: April 1, 2021**

**Norm: Preliminary Norm II (20 testees)**

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

**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.

### 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:



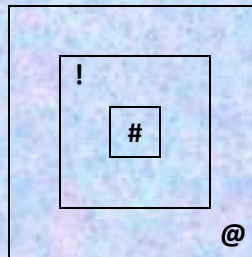
A                  B                  C                  D                  E                  F                  G

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](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>	Free	\$5	<b>\$5</b>	<b>\$10</b>
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**

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Type: Spatial

Items: 15

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Candidate: Jane Doe

Raw Score: 15

IQ: 178 (s.d. = 15)

Percentile: 99.99999%

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Attempt: First

Date: April 1, 2021

Norm: First (based on 30 testees)

Scorer: *James Dorsey*

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Verification code: JD-4.1.2021-0001A

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## Norming (December 2022)/Scoreboard

Norm (Rank Equation): Prelim. Norm II (20 testees) Based on 1<sup>st</sup> Attempts: Raw Median: 13 Mean: 12.5  $\sigma$ : 1.87 Split-Half Reliability: 0.71

Correlations with other tests:	Correlation between age and raw score: soon	Estimated minimum g loading: soon	Pairs ( $\geq 3$ )	Correlation
Numerus Light			3	1
ASMuDi			10	0.82
PatNum			11	0.81
LSHR Light			5	0.80
IGNITER			9	0.74
METEOR			11	0.73
ILLUSION			17	0.70
Alphabet			16	0.67
MultDiv			6	0.66
AdSub			11	0.65
Rhyming Riddles			11	0.62
Reduction Riddles			10	0.58
Replacement Riddles			10	0.58
COSMIC			17	0.47
Lexiq			4	0.43
PIGS 3 <sup>rd</sup> degree			4	0.41
SPECTRA			10	0.39
CELESTIAL			12	0.32
Figure			8	0.28
FREE Fall			5	0.23
OASIS			14	0.14
GRIT			6	0.03
Asterix			5	0.02
Reason Behind Multiple Choice			4	-0.06
WIT			6	-0.28
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, Cooijmans On-Line Test - Two-barrelled version, The Bonsai Test - Revision 2016, The Sargasso Test, GENE Verbal III, DOMESTIQ, JCTI, WITT			56	0.02
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: 24 (1 <sup>st</sup> , 2 <sup>nd</sup> 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	1   1	Hidden6, Andrius Jodinkas
10	118	1   0	Andrius Jodinkas, X
11	127	4   0	Mohammed Benazzi, Enoch Kwak, Göran Åhlander, Hidden5, X
12	134	1   1	Nobuo Yamashita, Susumu Ota
13	144	7   3	Jim Lorrimore, Anfinn Bjartalíð, 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