

CRYPTARITHMORDLE

Rules:

- Each row (ten cells wide) is a valid math equation made entirely of numbers and operators
- At the same time, each box (6x5) is a valid Wordle made entirely of letters
- Within every pair of Wordles, there are exactly 15 letters used. Each letter corresponds to one of the 15 mathematical symbols.
- This assignment of letters to math symbols is a one-to-one correspondence. It applies throughout this pair of Wordles
- There are no leading zeroes or negative numbers in the equations
- Operators (=, +, -, *, /) are always between two numbers
- There is exactly one = in each row
- * and / have higher precedence than + and -. All operators are left-associative

α :

6	I	9	-	9
	I	2	8	/
			0	+
	2			=
		3	0	
F	J	O	R	D

		+	3	6
		1		6
6				S
5		O	2	2
6				3
I	R	A	T	E

0	1	2	3	4	5	6	7	8	9	=	+	-	*	/
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β :

7		R	5	
P			3	*
5	0			Y
	8		9	-
		3	+	
S	A	L	O	N

2			5	N
7	=		E	
C	+		A	2
1	4	O		
A	2	O	1	
S	T	I	N	T

0	1	2	3	4	5	6	7	8	9	=	+	-	*	/
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γ :

6	*	N	9	
9	O	*	9	H
1				6
1			K	
	=			/
S	M	E	A	R

9			O	3
	O	3		3
3			7	3
	O			
	L	1	U	7
H	Y	E	N	A

0	1	2	3	4	5	6	7	8	9	=	+	-	*	/
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

δ :

3		9	G	
4	+			S
2	9	E	S	
4			3	
L	9	4		
Y	A	C	H	T

T	1	9		1
	/	6		1
	*			1
C	7			
D				
F	E	L	L	S

0	1	2	3	4	5	6	7	8	9	=	+	-	*	/
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δ	β	δ	δ	γ	α	α	γ	β	γ	β	α	δ	β	α	α	γ	δ	γ	β	γ	α	β	δ	α	γ	δ	β
*	-	9	3	+	8	/	4	4	3	5	6	7	=	9	+	0	1	5	0	1	*	3	4	7	4	/	3



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