

Encoded for Autumn	Decoded by Autumn	Decoded Subset
Hello Autumn and Firefly Aerospace	Hello.	Welcome to DART Meadow!
H	Hello, What is your Kite Color?	
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Element	Nuetrons	Protons	Electrons	Number of Orbita	Orbit: K	Orbit: L	Orbit: M	Orbit: N	Orbit: O	Orbit: P	Orbit: Q	Orbit: R
Hydrogen	1	1	1		1	1						
Helium	2	2	2		1	2						
Lithium	4	3	3		2	2	1					
Beryllium	5	4	4		2	2	2					
Boron	6	5	5		2	2	3					
Carbon	6	6	6		2	2	4					
Nitrogen	7	7	7		2	2	5					
Oxygen	8	8	8		2	2	6					
Fluorine	10	9	9		2	2	7					
Neon	10	10	10		2	2	8					
Sodium	12	11	11		3	2	8	1				
Magnesium	12	12	12		3	2	8	2				
Aluminium	14	13	13		3	2	8	3				
Silicon	14	14	14		3	2	8	3				
Phosphorus	16	15	15		3	2	8	4				
Sulfur	16	16	16		3	2	8	5				
Chlorine	18	17	17		3	2	8	6				
Argon	22	18	18		3	2	8	8				
Potassium	20	19	19		4	2	8	8	1			
Calcium	20	20	20		4	2	8	8	2			
Scandium	24	21	21		4	2	8	9	2			
Titanium	26	22	22		4	2	8	10	2			
Vanadium	28	23	23		4	2	8	11	2			
Chromium	28	24	24		4	2	8	13	1			
Manganese	30	25	25		4	2	8	13	2			
Iron	30	26	26		4	2	8	14	2			
Cobalt	32	27	27		4	2	8	15	2			
Nickel	31	28	28		4	2	8	16	2			
Copper	35	29	29		4	2	8	18	1			
Zinc	35	30	30		4	2	8	18	2			
Gallium	39	31	31		4	2	8	18	3			
Germanium	41	32	32		4	2	8	18	4			
Arsenic	42	33	33		4	2	8	18	5			
Selenium	45	34	34		4	2	8	18	6			
Bromine	45	35	35		4	2	8	18	7			
Krypton	48	36	36		4	2	8	18	8			
Rubidium	48	37	37		4	2	8	18	8	1		
Strontium	50	38	38		4	2	8	18	8	2		
Yttrium	50	39	39		4	2	8	18	9	2		
Zirconium	51	40	40		4	2	8	18	10	2		
Niobium	52	41	41		4	2	8	18	12			
Molybdenum	54	42	42		4	2	8	18	13	1		
Technetium	55	43	43		4	2	8	18	13	1		
Ruthenium	57	44	44		4	2	8	18	15	1		
Rhodium	57	45	45		4	2	8	18	16	1		
Palladium	60	46	46		4	2	8	18	18			
Silver	61	47	47		4	2	8	18	18	1		
Cadmium	64	48	48		4	2	8	18	18	2		
Indium	66	49	49		4	2	8	18	18	3		
Tin	69	50	50		4	2	8	18	18	4		
Antimony	71	51	51		4	2	8	18	18	5		
Tellurium	75	52	52		4	2	8	18	18	6		
Iodine	74	53	53		4	2	8	18	18	7		
Xenon	77	54	54		4	2	8	18	18	8		
Caesium	78	55	55		5	2	8	18	18	8	1	
Barium	81	56	56		5	2	8	18	18	8	2	
Lanthanum	82	57	57		5	2	8	18	18	9	2	
Cerium	82	58	58		5	2	8	18	19	9	2	
Praseodymium	82	59	59		5	2	8	18	21	8	2	
Neodymium	84	60	60		5	2	8	18	22	8	2	
Promethium	84	61	61		5	2	8	18	23	8	2	
Samarium	88	62	62		5	2	8	18	24	8	2	
Europium	89	63	63		5	2	8	18	25	8	2	
Gadolinium	93	64	64		5	2	8	18	25	9	2	
Terbium	94	65	65		5	2	8	18	27	8	2	
Dysprosium	96	66	66		5	2	8	18	28	8	2	
Holmium	98	67	67		5	2	8	18	29	8	2	
Erbium	99	68	68		5	2	8	18	30	8	2	
Thulium	100	69	69		5	2	8	18	31	8	2	
Ytterbium	103	70	70		5	2	8	18	32	8	2	
Lutetium	104	71	71		5	2	8	18	32	9	2	
Hafnium	106	72	72		5	2	8	18	32	10	2	
Tantalum	108	73	73		5	2	8	18	32	11	2	
Tungsten	110	74	74		5	2	8	18	32	12	2	
Rhenium	111	75	75		5	2	8	18	32	13	2	
Osmium	114	76	76		5	2	8	18	32	14	2	
Iridium	115	77	77		5	2	8	18	32	15	2	
Platinum	117	78	78		5	2	8	18	32	17	1	
Gold	118	79	79		5	2	8	18	32	18	1	
Mercury	120	80	80		5	2	8	18	32	18	2	
Thallium	123	81	81		5	2	8	18	32	18	3	



Lead	125	82	82	5	2	8	18	32	18	4		
Bismuth	126	83	83	5	2	8	18	32	18	5		
Polonium	125	84	84	5	2	8	18	32	18	6		
Astatine	125	85	85	5	2	8	18	32	18	7		
Radon	136	86	86	5	2	8	18	32	18	8		
Francium	136	87	87	5	2	8	18	32	18	8	1	
Radium	138	88	88	6	2	8	18	32	18	8	2	
Actinium	138	89	89	6	2	8	18	32	18	9	2	
Thorium	142	90	90	6	2	8	18	32	18	10	2	
Protactinium	140	91	91	6	2	8	18	32	20	9	2	
Uranium	146	92	92	6	2	8	18	32	21	9	2	
Neptunium	144	93	93	6	2	8	18	32	22	9	2	
Plutonium	150	94	94	6	2	8	18	32	24	8	2	
Americium	148	95	95	6	2	8	18	32	25	8	2	
Curium	151	96	96	6	2	8	18	32	25	9	2	
Berkelium	150	97	97	6	2	8	18	32	27	8	2	
Californium	153	98	98	6	2	8	18	32	28	8	2	
Einsteinium	153	99	99	6	2	8	18	32	29	8	2	
Fermium	157	100	100	6	2	8	18	32	30	8	2	
Mendelevium	157	101	101	6	2	8	18	32	31	8	2	
Nobelium	157	102	102	6	2	8	18	32	32	8	2	
Lawrencium	163	103	103	6	2	8	18	32	32	8	3	
Rutherfordium	157	104	104	6	2	8	18	32	32	10	2	
Dubnium	157	105	105	6	2	8	18	32	32	11	2	
Seaborgium	163	106	106	6	2	8	18	32	32	12	2	
Bohrium	160	107	107	6	2	8	18	32	32	13	2	
Hassium	161	108	108	6	2	8	18	32	32	14	2	
Meitnerium	169	109	109	6	2	8	18	32	32	15	2	
Darmstadtium	171	110	110	6	2	8	18	32	32	17	1	
Roentgenium	171	111	111	6	2	8	18	32	32	18	1	
Copernicium	173	112	112	6	2	8	18	32	32	18	2	
Nihonium	173	113	113	6	2	8	18	32	32	18	3	
Flerovium	175	114	114	6	2	8	18	32	32	18	4	
Moscovium	173	115	115	6	2	8	18	32	32	18	5	
Livermorium	177	116	116	6	2	8	18	32	32	18	6	
Tennessee	177	117	117	6	2	8	18	32	32	18	7	
Oganesson	176	118	118	6	2	8	18	32	32	18	8	
Ununennium	197	119	119	6	2	8	18	32	32	18	8	1
Unbinilium	200	120	120	6	2	8	18	32	32	18	8	2
Unbiunium	199	121	121	6	2	8	18	32	34	18	8	2
Unbibium	199	122	122	6	2	8	18	32	32	18	8	4
Unbitrium	202	123	123	6	2	8	18	32	32	19	9	2
Unbiquadi	206	124	124	6	2	8	18	32	32	19	9	2
Unbipenti	207	125	125	6	2	8	18	32	36	18	8	2
Unbihexiu	208	126	126	6	2	8	18	32	37	18	8	2
Unbiseptium	209	127	127	6	2	8	18	32	38	18	8	2

y Gimbal Sigma	Mantis Gimbal	Cubed Root of y = (x+ z) ^2	Fuel	Mantis Gimbal	Cubed Root of y = (x+ z) ^2
x		4		x	4
z		5		z	5
x+z Squared		81		x+z Squared	81
y		531441		y	531441
Cubed Root of y		81		Cubed Root of y	81
Gimbal x	Mantis Gimbal	Cubed Root of y = (x+ z) ^2	Oxidizer	Mantis Gimbal	Cubed Root of y = (x+ z) ^2
x		4		x	4
z		5		z	5
x+z Squared		81		x+z Squared	81
y		531441		y	531441
Cubed Root of y		81		Cubed Root of y	81
Gimbal z	Mantis Gimbal	Cubed Root of y = (x+ z) ^2	y of Gimbal Sigma	Mantis Gimbal	Cubed Root of y = (x+ z) ^2
x		4		x	4
z		5		z	5
x+z Squared		81		x+z Squared	81
y		531441		y	1129718145924
Cubed Root of y		81		Cubed Root of y	10414.9383
Gimbal y	Mantis Gimbal	Cubed Root of y = (x+ z) ^2	y of Propulsion	Mantis Gimbal	Cubed Root of y = (x+ z) ^2
x		4		x	4
z		5		z	5
x+z Squared		81		x+z Squared	81
y		531441		y	1129719208806
Cubed Root of y		81		Cubed Root of y	10414.94157

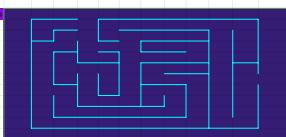


Lead Edge	D3.a Grid Begin Draw Decision	D3.f Grid Draw Iteration	D3.g Grid	Lead Edge Example Sheet Maze G6-P15 Heart March 21
$((b\alpha)+(b\alpha^2)+(b\alpha^3)+(b\alpha^4)+(b\alpha^5)+(b\alpha^6)+(b\alpha^7)+(b\alpha^8)+(b\alpha^9)+(b\alpha^{10})$	$((D3\beta)+(D3\beta^2)+(D3\beta^3)+(D3\beta^4)+(D3\beta^5)+(D3\beta^6)+(D3\beta^7)+(D3\beta^8)+(D3\beta^9)+(D3\beta^{10}))$	$((D3\gamma)+((b+b^2)(a^2))2+(=(r+1)2))-(b+b^2)(a^2)/2=r=D+D2))$	$((D3\delta)+(a^2)(a^2)+(a^2)(a^2)+(a^2)(a^2)+(a^2)(a^2)+(a^2)(a^2)+(a^2)(a^2)+(a^2)(a^2)+(a^2)(a^2)+(a^2)(a^2))$	
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1 (Division 1)	1			
2 (Branch Iteration 1) Sub Wall (new "a")	2			
3 (Branch Iteration 2) Sub Wall (new "a")	3			
4 (Division 2) Redundancy Checking $(b\alpha)+(b\alpha^2)+(b\alpha^3)+(b\alpha^4)+(b\alpha^5)+(b\alpha^6)+(b\alpha^7)+(b\alpha^8)+(b\alpha^9)+(b\alpha^{10})$	1			
5 (Branch Iteration 1) Sub Wall (new "a")	2			
6 (Branch Iteration 2) Sub Wall (new "a")	3			
7 (Grid) = (Division 3)	1			
Path (a) = (b\alpha)+(b\alpha^2)+(b\alpha^3)	-1			
Foundation (a = Perimeter) & (b = Grid)				
a (Begin)	-1			
b (Destination)	-1			

Lead Edge 

Radical Deepscale



Chopping Midnight Trail 

Radical Edge		
Arc Edge: $((x^2)+1)/x$ Iterations and Arc Measure: Formula = an,xc,ycn,yn,m		
x input	Arc	Condition Min
22	TRUE	
y input:	Condition Max	
99	TRUE	
z input: $x \text{ input} + y \text{ input} + ((x^2)+1)/x$	Condition Min & Max	
123.0454545	TRUE	
Input Additional Curve Injections (z input: $x \text{ input} + y \text{ input} + ((x^2)+1)/x$) Additional Curve Injections (z input: $x \text{ input} + y \text{ input} + ((x^2)+1)/x$) Aquire number of Iterations or curves in Arc by min and max slop of Arc along grid intersections: an Aquire first 0.125 of perfect curve smaller than the Arc Curves: xc Aquire first 0.125 of perfect curve larger than the Arc Curves: ycn Aquire total circumference Iteration measures between xc and ycn: yn Aquire perfect 0.125 match of each curve in the Arc to Each Circumference Iteration 0.125 Match: m	B18 Max Value	
5	116.64	
629542529229	C18 Min Value	
	992.25	
Radical Sphere		
	Sphere	Sphere Iterations Variable
Input Diameter	3.6	10.5
Circumference	116.64	992.25
Circle Surface	13604.8896	984560.0625
Sphere	2518170116819	9.54392E+17
Sphere Surface	629542529205	2.38598E+17

