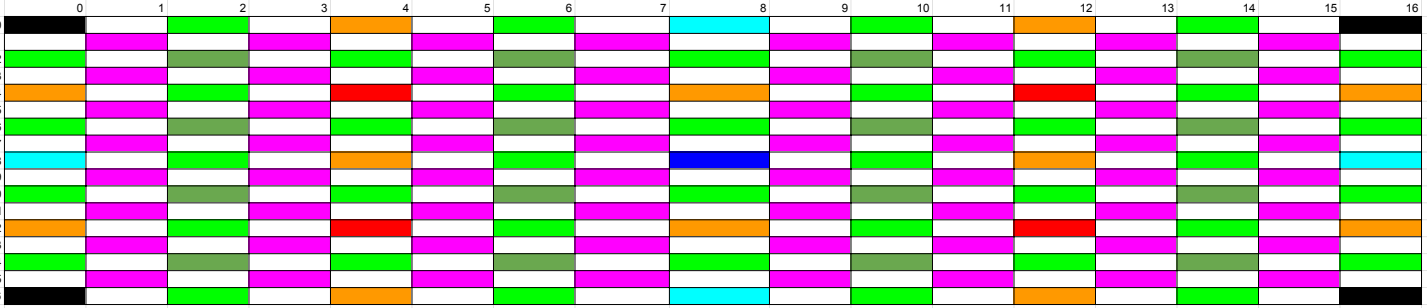

Square equation working using left table

Iteration # t	1	2	3	4
	1	2	4	8
				9
			5	8
				9
		3	4	8
				9
			5	8
				9
	2	2	4	8
				9
			5	8
				9
		3	4	8
				9
			5	8
				9
	1	2	4	8
Sum for t	**4**	**12**	**40**	**144**

	Step	Total
	Initial	4
	1st Diamond	1
	1st Square	4
	2nd Diamond	4
	2nd Square	12
	3rd Diamond	16
	3rd Square	40
	4th Diamond	64
	4th Square	144

Diamond

iteration	d	m	e	# target cells
1	17	16	8	1
2	17	8	4	4
3	17	4	2	16
4	17	2	1	64

m1 = d-1	e1 = m1 / 2	cd1 = [(d-1) / m1] ^2
m2 = m1 / 2	e2 = m2 / 2	cd2 = [(d-1) / m2] ^2
m3 = m2 / 2	e3 = m3 / 2	cd3 = [(d-1) / m3] ^2

Square

iteration	d	m	e	# target cells
1	17	16	8	4
2	17	8	4	12
3	17	4	2	40
4	17	2	1	144

m1 = d-1	e1 = m1 / 2	
m2 = m1 / 2	e2 = m2 / 2	?
m3 = m2 / 2	e3 = m3 / 2	

Same m,e at t for both, conveniently

Example
n=4 so d=17

Goal
Find steps equations for both parts as t varies