

Number of required components to represent each combination														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13
0	23	116	91	32	46	49	51	60	50	56	64	63	60	53
1	116	116	184	125	139	142	144	153	143	149	157	156	153	146
2	91	184	68	77	91	94	96	105	95	101	109	108	105	98
3	32	125	77	9	32	35	37	46	36	42	50	49	46	39
4	46	139	91	32	23	49	51	60	50	56	64	63	60	53
5	49	142	94	35	49	26	54	63	53	59	67	66	63	56
6	51	144	96	37	51	54	28	65	55	61	69	68	65	58
7	60	153	105	46	60	63	65	37	64	70	78	77	74	67
8	50	143	95	36	50	53	55	64	27	60	68	67	64	57
9	56	149	101	42	56	59	61	70	60	33	74	72	70	63
10	64	157	109	50	64	67	69	78	68	74	41	81	78	71
11	63	156	108	49	63	66	68	77	67	72	81	40	77	70
12	60	153	105	46	60	63	65	74	64	70	78	77	37	67
13	53	146	98	39	53	56	58	67	57	63	71	70	67	30

Label	
0	capital-common-countries
1	capital-world
2	city-in-state
3	currency
4	family
5	gram1-adjective-to-adverb
6	gram2-opposite
7	gram3-comparative
8	gram4-superlative
9	gram5-present-participle
10	gram6-nationality-adjective
11	gram7-past-tense
12	gram8-plural
13	gram9-plural-verbs

Color Meaning	
	Class alone
	$Combination = Sum$
	$0.9Sum < Combination < 1.1Sum$
	$Combination \leq 0.9Sum$
	$Combination \geq 1.1Sum$