

Number of required components to represent each combination														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13
0	23	115	91	43	46	55	51	60	51	56	64	63	60	53
1	115	115	183	135	138	147	143	152	143	148	156	155	152	145
2	91	183	68	88	91	100	96	105	96	101	109	108	105	98
3	43	135	88	20	43	52	48	57	48	53	61	60	57	50
4	46	138	91	43	23	55	51	60	51	56	64	63	60	53
5	55	147	100	52	55	32	60	69	60	65	73	72	69	62
6	51	143	96	48	51	60	28	65	56	61	69	68	65	58
7	60	152	105	57	60	69	65	37	65	70	78	77	74	67
8	51	143	96	48	51	60	56	65	28	61	69	68	65	58
9	56	148	101	53	56	65	61	70	61	33	74	72	70	63
10	64	156	109	61	64	73	69	78	69	74	41	81	78	71
11	63	155	108	60	63	72	68	77	68	72	81	40	77	70
12	60	152	105	57	60	69	65	74	65	70	78	77	37	67
13	53	145	98	50	53	62	58	67	58	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
	$Combination = Sum$
	$0.9Sum < Combination < 1.1Sum$
	$Combination \leq 0.9Sum$
	$Combination \geq 1.1Sum$