

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	40	46	52	52	59	53	56	64	63	60	53
1	115	115	183	132	138	144	144	151	145	148	156	155	152	145
2	91	183	68	85	91	97	97	104	98	101	109	108	105	98
3	40	132	85	17	40	46	46	53	47	50	58	57	54	47
4	46	138	91	40	23	52	52	59	53	56	64	63	60	53
5	52	144	97	46	52	29	58	65	59	62	70	69	66	59
6	52	144	97	46	52	58	29	65	59	62	70	69	66	59
7	59	151	104	53	59	65	65	36	66	69	77	76	73	66
8	53	145	98	47	53	59	59	66	30	63	71	70	67	60
9	56	148	101	50	56	62	62	69	63	33	74	72	70	63
10	64	156	109	58	64	70	70	77	71	74	41	81	78	71
11	63	155	108	57	63	69	69	76	70	72	81	40	77	70
12	60	152	105	54	60	66	66	73	67	70	78	77	37	67
13	53	145	98	47	53	59	59	66	60	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
	$Combination = Sum$
	$0.9Sum < Combination < 1.1Sum$
	$Combination \leq 0.9Sum$
	$Combination \geq 1.1Sum$