

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	35	46	50	51	60	55	56	64	63	60	53
1	115	115	183	127	138	142	143	152	147	148	156	155	152	145
2	91	183	68	80	91	95	96	105	100	101	109	108	105	98
3	35	127	80	12	35	39	40	49	44	45	53	52	49	42
4	46	138	91	35	23	50	51	60	55	56	64	63	60	53
5	50	142	95	39	50	27	55	64	59	60	68	67	64	57
6	51	143	96	40	51	55	28	65	60	61	69	68	65	58
7	60	152	105	49	60	64	65	37	69	70	78	77	74	67
8	55	147	100	44	55	59	60	69	32	65	73	72	69	62
9	56	148	101	45	56	60	61	70	65	33	74	72	70	63
10	64	156	109	53	64	68	69	78	73	74	41	81	78	71
11	63	155	108	52	63	67	68	77	72	72	81	40	77	70
12	60	152	105	49	60	64	65	74	69	70	78	77	37	67
13	53	145	98	42	53	57	58	67	62	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
	$Combination = Sum$
	$0.9Sum < Combination < 1.1Sum$
	$Combination \leq 0.9Sum$
	$Combination \geq 1.1Sum$