Sum	Combinations	Sum	Combinations	Sum	Combinations	Sum	Combinations	Sum	Combinations	Sum	Combinations	Sum	Combinations	Sum	Combinations	Sum	Combinations	Sum	Combinations		
																		10	1		
11	1	12	2	13	3	14	5	15	7	16	10	17	13	18	18	19	23	20	30		
21	37	22	47	23	57	24	70	25	84	26	101	27	119	28	141	29	164	30	192		
31	221	32	255	33	291	34	333	35	377	36	427	37	480	38	540	39	603	40	674		
41	748	42	831	43	918	44	1,014	45	1,115	46	1,226	47	1,342	48	1,469	49	1,602	50	1,747		
51	1,898	52	2,062	53	2,233	54	2,418	55	2,611	56	2,818	57	3,034	58	3,266	59	3,507	60	3,765		
61	4,033	62	4,319	63	4,616	64	4,932	65	5,260	66	5,608	67	5,969	68	6,351	69	6,747	70	7,166		
71	7,599	72	8,056	73	8,529	74	9,027	75	9,542	76	10,083	77	10,642	78	11,229	79	11,835	80	12,470		
81	13,125	82	13,811	83	14,518	84	15,257	85	16,019	86	16,814	87	17,633	88	18,487	89	19,366	90	20,282		
91	21,224	92	22,204	93	23,212	94	24,260	95	25,337	96	26,455	97	27,604	98	28,796	99	30,020	100	31,289		
101	32,591	102	33,940	103	35,324	104	36,756	105	38,225	106	39,743	107	41,299	108	42,906	109	44,552	110	46,250		
111	47,988	112	49,779	113	51,611	114	53,497	115	55,425	116	57,407	117	59,432	118	61,512	119	63,635	120	65,814		
121	68,036	122	70,314	123	72,636	124	75,014	125	77,436	126	79,914	127	82,436	128	85,014	129	87,636	130	90,314		
131	93,035	132	95,812	133	98,632	134	101,507	135	104,425	136	107,397	137	110,411	138	113,479	139	116,588	140	119,750		
141	122,952	142	126,206	143	129,499	144	132,843	145	136,225	146	139,656	147	143,124	148	146,640	149	150,191	150	153,789		
151	157,420	152	161,096	153	164,804	154	168,555	155	172,336	156	176,158	157	180,008	158	183,897	159	187,812	160	191,764		
161	195,739	162	199,749	163	203,780	164	207,843	165	211,925	166	216,036	167	220,163	168	224,317	169	228,484	170	232,675		
171	236,876	172	241,098	173	245,327	174	249,574	175	253,825	176	258,090	177	262,356	178	266,633	179	270,907	180	275,189		
181	279,464	182	283,743	183	288,012	184	292,281	185	296,536	186	300,787	187	305,020	188	309,245	189	313,448	190	317,639		
191	321,803	192	325,951	193	330,068	194	334,164	195	338,225	196	342,260	197	346,255	198	350,220	199	354,140	200	358,025		
201	361,860	202	365,655	203	369,396	204	373,092	205	376,730	206	380,318	207	383,844	208	387,316	209	390,722	210	394,070		
211	397,348	212	400,564	213	403,707	214	406,784	215	409,785	216	412,716	217	415,568	218	418,347	219	421,044	220	423,665		
221	426,201	222	428,658	223	431,028	224	433,316	225	435,515	226	437,629	227	439,652	228	441,588	229	443,431	230	445,185		
231	446,844	232	448,412	233	449,884	234	451,263	235	452,545	236	453,732	237	454,821	238	455,814	239	456,708	240	457,505		
241	458,202	242	458,801	243	459,300	244	459,700	245	460,000	246	460,200	247	460,300	248	460,300	249	460,200	250	460,000		
251	459,700	252	459,300	253	458,801	254	458,202	255	457,505	256	456,708	257	455,814	258	454,821	259	453,732	260	452,545		
261	451,263	262	449,884	263	448,412	264	446,844	265	445,185	266	443,431	267	441,588	268	439,652	269	437,629	270	435,515		
271	433,316	272	431,028	273	428,658	274	426,201	275	423,665	276	421,044	277	418,347	278	415,568	279	412,716	280	409,785		
281	406,784	282	403,707	283	400,564	284	397,348	285	394,070	286	390,722	287	387,316	288	383,844	289	380,318	290	376,730		
291	373,092	292	369,396	293	365,655	294	361,860	295	358,025	296	354,140	297	350,220	298	346,255	299	342,260	300	338,225		
301	334,164	302	330,068	303	325,951	304	321,803	305	317,639	306	313,448	307	309,245	308	305,020	309	300,787	310	296,536		
311	292,281	312	288,012	313	283,743	314	279,464	315	275,189	316	270,907	317	266,633	318	262,356	319	258,090	320	253,825		
321	249,574	322	245,327	323	241,098	324	236,876	325	232,675	326	228,484	327	224,317	328	220,163	329	216,036	330	211,925		
331	207,843	332	203,780	333	199,749	334	195,739	335	191,764	336	187,812	337	183,897	338	180,008	339	176,158	340	172,336		
341	168,555	342	164,804	343	161,096	344	157,420	345	153,789	346	150,191	347	146,640	348	143,124	349	139,656	350	136,225		
351	132,843	352	129,499	353	126,206	354	122,952	355	119,750	356	116,588	357	113,479	358	110,411	359	107,397	360	104,425		
361	101,507	362	98,632	363	95,812	364	93,035	365	90,314	366	87,636	367	85,014	368	82,436	369	79,914	370	77,436		
371	75,014	372	72,636	373	70,314	374	68,036	375	65,814	376	63,635	377	61,512	378	59,432	379	57,407	380	55,425		
381	53,497	382	51,611	383	49,779	384	47,988	385	46,250	386	44,552	387	42,906	388	41,299	389	39,743	390	38,225		
391	36,756	392	35,324	393	33,940	394	32,591	395	31,289	396	30,020	397	28,796	398	27,604	399	26,455	400	25,337		
401	24,260	402	23,212	403	22,204	404	21,224	405	20,282	406	19,366	407	18,487	408	17,633	409	16,814	410	16,019		
411	15,257	412	14,518	413	13,811	414	13,125	415	12,470	416	11,835	417	11,229	418	10,642	419	10,083	420	9,542		
421	9,027	422	8,529	423	8,056	424	7,599	425	7,166	426	6,747	427	6,351	428	5,969	429	5,608	430	5,260		
431	4,932	432	4,616	433	4,319	434	4,033	435	3,765	436	3,507	437	3,266	438	3,034	439	2,818	440	2,611		
441	2,418	442	2,233	443	2,062	444	1,898	445	1,747	446	1,602	447	1,469	448	1,342	449	1,226	450	1,115		
451	1,014	452	918	453	831	454	748	455	674	456	603	457	540	458	480	459	427	460	377		
461	333	462	291	463	255	464	221	465	192	466	164	467	141	468	119	469	101	470	84	Total Number of	
471	70	472	57	473	47	474	37	475	30	476	23	477	18	478	13	479	10	480	7	Combinations	
481	5	482	3	483	2	484	1	485	1	486	0	487	0	488	0	489	0	490	0	Total =	75,287,520