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PREFACE

CAN any good thing come out of Palestine? is the broader anti-Semitic retort to the sneer cast by the Jews themselves against the harmless and natural Nazarene; one more example of the poetic justice of History. And no doubt such opponents of the modern Jew will acclaim this volume as an admirable disproof of that thesis which it purports to uphold.

The dissimilarities, amounting in some cases to sheer contradiction, which mark many numbers, will appear proof positive that there is nothing in this numerical Qabalah, especially as we may presume that by filling up this dictionary from the ordinary Hebrew Lexicon one would arrive at a mere hotch-pot.

Apart from this, there is a deeper-lying objection to the Qabalah; viz., that the theory is an example of the fallacy *Post hoc propter hoc*.

Are we to believe, asks the sceptic, that a number of learned men deliberately sat down and chose words for the sake of their numerical value? Language is a living thing, with many sources and diverse; can it be moulded in any such arbitrary fashion?

The only reply seems to be a mere assertion that to some extent it certainly is so. Examples of a word being spelt deliberately wrong do occur; and such a jugglery as the changing of the names Abram and Sarai to Abraham and Sarah can hardly be purposeless. Once admit the end of such a wedge, and it is difficult to say whether it may not be driven home so far as to split asunder the Tree of Knowledge, if not the Tree of Life.

Another line or argument is the historical. We do not here refer to the alleged forgery of the Qabalah by Rabbi Moses ben Leon—was it not?—but to the general position of the ethnologist that the Jews were an entirely barbarous race, incapable of any spiritual pursuit. That they were polytheists is clear from the very first verse of Genesis; that Adonai Melekh is identical with "Moloch" is known to every Hebraist. The "Old Testament" is mainly the history of the struggle of the phallic Jehovah against the rest of the Elohim, and that his sacrifices were of blood, and human blood at that, is indisputable.

Human sacrifices are to-day still practised by the Jews of Eastern Europe, as is set forth at length by the late Sir Richard Burton in the MS. which the wealthy Jews of England have compassed heaven and earth to suppress, and evidenced by the ever-recurring Pogroms against which so senseless and outcry is made by those who live among those degenerate Jews who are at least not cannibals.

Is it to such people, indeed, that we are to look for the highest and subtlest spiritual knowledge?

To this criticism there are but two answers. The first, that an esoteric tradition of great purity may co-exist with the most crass exoteric practices. Witness the Upanishads in the land of Jagganath, hook-swinging, and the stupidest forms of Hatha-Yoga.

Witness the Tipitaka (with such perfections as the Dhammapada) in the midst of peoples whose science of torture would seem to have sprung from no merely human imagination. The descriptions in the Tipitaka itself of the Buddhist Hells are merely descriptions of the actual tortures inflicted by the Buddhists on their enemies.

The second, that after all is said, I find it works very well. I do not care whether $\sqrt{-1}$ is an impossible, an unimaginable thing, or whether de Moivre really invented it, and if so, whether de Moivre was an immoral man, and wore whiskers. It helps me to make certain calculations; and so long as that is so, it is useful, and I stick to it.

Other criticisms of the methods of the Qabalah itself have been made and disposed of in the article on the subject in "The Temple of Solomon the King" (Equinox V) and no further reference need be made to them in this place. It is only necessary to say that that article should be studied most thoroughly, and also the article "A Note on Genesis" in the second number of The Equinox.

With these two weapons, and the Sword of the Spirit, the Practicus, fully armed, may adventure himself in the great battle wherein victory is Truth.

PERDURABO.

EDITORIAL NOTE

THIS dictionary was begun by Allan Bennet (Fra.: Iehi Aour, now Bhikku Ananda Metteya) in the last decade of the nineteenth century since ψ -J.C. It was bequeathed to the present Editor, with many other magical MSS., on I.A.'s departure for Ceylon in 1899.

Frater Perdurabo used it, and largely added to it, in the course of his Qabalistic workings. With George Cecil Jones (Fra! Volo Noscere) he further added to it by making it a complete cross-correspondence to the book DCCLXXVII.

It was further revised and checked, re-copied by a Jewish scribe, and again checked through, in the year V of the present Era.

The mathematical additions were continued by Fra.: P. and Fra.: Lampada Tradam; and the MS. finally copied on a specially constructed typewriter by Gerald Rae Fraser (Fra! ψ) who added yet further mathematical data.

This copy has again been checked by Fra.: P. and Soror.: N.N. and the proofs further by three separate scholars.

The method of employing the dictionary has been fully indicated in *The Temple of Solomon the King* [Equinox V].

None of the editors claim to possess even the smallest degree of scholarship. The method of compilation has been to include all words given in Von Rosenroth's Qabalistic Dictionary, those specially commented on in S.D., I.R.Q., and I.Z.Q., those given in 777, and those found by Fratres I.A. and P. Some of them are found in texts of the Hebrew scriptures which appeared to those adepts to be of magical importance. Owing to their carelessness, the meaning of some few words has been lost, and cannot now be traced.

ABBREVIATIONS, SIGNS AND FIGURES

K.D. L.C.K. p.—	= KABBALA DENUDATA cuius Pars Prima continet Locos Communes Kabbalisticos
Dec.	= Decan.
S.P.M.	= Sphere of the Primum Mobile.
S.S.F.	= Sphere of the Fixed Stars.
L.T.N.	= Lesser Angel governing Triplicity by Night.
L.T.D.	= Lesser Angel governing Triplicity by Day.
K.Ch.B.	= Kether—Chokmah—Binah.
(Ch.)	= Chaldee.
S.D.	= Siphra Dtzenioutha.
I.R.Q.	= Idra Rabba Qadisha.
Tet.	= Tetragrammaton.
L.A. Angel	= Lesser Assistant Angel.
I.Z.Q.	= Idra Zuta Qadisha.
M.T.	= Magister Templi.
♁	= Shemhamphorasch.
W.	= Wands.
C.	= Cups.
S.	= Swords.
P.	= Pentacles.
K. of S.	= Key of Solomon.
O.P.A.A.	= Oriens—Paimon—Ariton—Amaimon.

♈	= Aries.
♉	= Taurus.
♊	= Gemini.
♋	= Cancer.
♌	= Leo.
♍	= Virgo.
♎	= Libra.
♏	= Scorpio.
♐	= Sagittarius.
♑	= Capricorn.
♒	= Aquarius.
♓	= Pisces.

♄	= Saturn.
☉	= Sun.
☾	= Moon.
♂	= Mars.
☿	= Mercury.
♃	= Jupiter.
♀	= Venus.

\square	enclosing a number shows that the number is a perfect square.
$\sqrt{\quad}$	before " " " a perfect square.
$\sqrt[3]{\quad}$	before " " " a perfect cube.
$\sqrt[4]{\quad}$	before " " " a squared square.
$\text{⌈} \text{⌋}$	above " " " a perfect number.
\perp	about " " " a factorial.
$\lfloor \rfloor$	about " " " a sub-factorial.
π	before " " " a prime number

$\Sigma (1-k)$ is an abbreviation for "the sum of the first k natural numbers."

TABLE OF FACTORS

ODD NUMBERS FROM 1 TO 3321 (5'S EXCLUDED); SHOWING LOWEST FACTORS,
AND PRIMES (P.). "—" INDICATES THAT THE NUMBER IS DIVISIBLE BY 3.

1	P.	109	P.	221	13	333	—	447	—
2	P.	111	—	223	P.	337	P.	449	P.
3	P.	113	P.	227	P.	339	—	451	11
5	P.	117	—	229	P.	341	11	453	—
7	P.	119	7	231	—	343	7	457	P.
9	3 ²	121	11 ²	233	P.	347	P.	459	—
11	P.	123	—	237	—	349	P.	461	P.
13	P.	127	P.	239	P.	351	—	463	P.
17	P.	129	—	241	P.	353	P.	467	P.
19	P.	131	P.	243	3 ⁵	357	—	469	7
21	—	133	7	247	13	359	P.	471	—
23	P.	137	P.	249	—	361	19 ²	473	11
27	3 ³	139	P.	251	P.	363	—	477	—
29	P.	141	—	253	11	367	P.	479	P.
31	P.	143	11	257	P.	369	—	481	13
33	—	147	—	259	7	371	7	483	—
37	P.	149	P.	261	—	373	P.	487	P.
39	—	151	P.	263	P.	377	13	489	—
41	P.	153	—	267	—	379	P.	491	P.
43	P.	157	P.	269	P.	381	—	493	17
47	P.	159	—	271	P.	383	P.	497	7
49	7 ²	161	7	273	—	387	—	499	P.
51	—	163	P.	277	P.	389	P.	501	—
53	P.	167	P.	279	—	391	17	503	P.
57	—	169	13 ²	281	P.	393	—	507	—
59	P.	171	—	283	P.	397	P.	509	P.
61	P.	173	P.	287	7	399	—	511	7
63	—	177	—	289	17 ²	401	P.	513	—
67	P.	179	P.	291	—	403	13	517	11
69	—	181	P.	293	P.	407	11	519	—
71	P.	183	—	297	—	409	P.	521	P.
73	P.	187	11	299	13	411	—	523	P.
77	7	189	—	301	7	413	7	527	17
79	P.	191	P.	303	—	417	—	529	23 ²
81	3 ² =9 ²	193	P.	307	P.	419	P.	531	—
83	P.	197	P.	309	—	421	P.	533	13
87	—	199	P.	311	P.	423	—	537	—
89	P.	201	—	313	P.	427	7	539	7
91	7	203	7	317	P.	429	—	541	P.
93	—	207	—	319	11	431	P.	543	—
97	P.	209	11	321	—	433	P.	547	P.
99	—	211	P.	323	17	437	19	549	—
101	P.	213	—	327	—	439	P.	551	19
103	P.	217	7	329	7	441	- 21 ²	553	7
107	P.	219	—	331	P.	443	P.	557	P.

559	13	683	P.	809	P.	937	P.	1061	P.
561	—	687	—	811	P.	939	—	1063	P.
563	P.	689	13	813	—	941	P.	1067	11
567	—	691	P.	819	19	943	23	1069	P.
569	P.	693	—	821	—	947	P.	1071	—
571	P.	697	17	823	P.	949	13	1073	29
573	—	699	—	827	P.	951	—	1077	—
577	P.	701	P.	829	P.	953	P.	1079	13
579	—	703	19	831	—	957	—	1081	23
581	7	707	7	833	7	959	P.	1083	—
583	11	709	P.	837	—	961	31^2	1087	P.
587	P.	711	—	839	P.	963	—	1089	-33^2
589	17	713	23	841	29^2	967	P.	1091	P.
591	—	717	—	843	—	969	—	1093	P.
593	P.	719	P.	847	7	971	P.	1097	P.
597	—	721	7	849	—	973	7	1099	7
599	P.	723	—	851	23	977	P.	1101	—
601	P.	727	P.	853	P.	979	11	1103	P.
603	—	729	$3^6=9^3=27^2$	857	P.	981	—	1107	—
607	P.	731	17	859	P.	983	P.	1109	P.
609	—	733	P.	861	—	987	—	1111	11
611	13	737	11	863	P.	989	23	1113	—
613	P.	739	P.	867	—	991	P.	1117	P.
617	P.	741	—	869	11	993	—	1119	—
619	P.	743	P.	871	13	997	P.	1121	19
621	—	747	—	873	—	999	—	1123	P.
623	7	749	7	877	P.	1001	7	1127	7
627	—	751	P.	879	—	1003	17	1129	P.
629	17	753	—	881	P.	1007	19	1131	—
631	P.	757	P.	883	P.	1009	P.	1133	11
633	—	759	—	887	P.	1011	—	1137	—
637	7	761	P.	889	7	1013	P.	1139	17
639	—	763	7	891	—	1017	—	1141	7
641	P.	767	13	893	19	1019	P.	1143	—
643	P.	769	P.	897	—	1021	P.	1147	31
647	P.	771	—	899	29	1023	—	1149	—
649	11	773	P.	901	17	1027	13	1151	P.
651	—	777	—	903	—	1029	—	1153	P.
653	P.	779	19	907	P.	1031	P.	1157	13
657	—	781	11	909	—	1033	P.	1159	19
659	P.	783	—	911	P.	1037	—	1161	—
661	P.	787	P.	913	11	1039	P.	1163	P.
663	—	789	—	917	7	1041	—	1167	—
667	23	791	7	919	P.	1043	7	1169	7
669	—	793	13	921	—	1047	—	1171	P.
671	11	797	P.	923	P.	1049	P.	1173	—
673	P.	799	17	927	—	1051	P.	1177	11
677	P.	801	—	929	P.	1053	—	1179	—
679	7	803	11	931	7	1057	7	1181	P.
681	—	807	—	933	—	1059	—	1183	7

1187	P.	1311	—	1437	—	1561	7	1687	7
1189	29	1313	13	1439	P.	1563	—	1689	—
1191	—	1317	—	1441	11	1567	P.	1691	19
1193	P.	1319	P.	1443	—	1569	—	1693	P.
1197	—	1321	P.	1447	P.	1571	P.	1697	P.
1199	11	1323	—	1449	—	1573	11	1699	P.
1201	P.	1327	P.	1451	P.	1577	19	1701	—
1203	—	1329	—	1453	P.	1579	P.	1703	13
1207	17	1331	11	1457	31	1581	—	1707	—
1209	—	1333	31	1459	P.	1583	P.	1709	P.
1211	7	1337	7	1461	—	1587	—	1711	29
1213	P.	1339	13	1463	7	1589	7	1713	—
1217	P.	1341	—	1467	—	1591	37	1717	17
1219	23	1343	17	1469	13	1593	—	1719	—
1221	—	1347	—	1471	P.	1597	P.	1721	P.
1223	P.	1349	19	1473	—	1599	—	1723	P.
1227	—	1351	7	1477	7	1601	P.	1727	11
1229	P.	1353	—	1479	—	1603	7	1729	7
1231	P.	1357	23	1481	P.	1607	P.	1731	—
1233	—	1359	—	1483	P.	1609	P.	1733	P.
1237	P.	1361	P.	1487	P.	1611	—	1737	—
1239	—	1363	29	1489	P.	1613	P.	1739	37
1241	17	1367	P.	1491	—	1617	—	1741	P.
1243	11	1369	37 ²	1493	P.	1619	P.	1743	—
1247	29	1371	—	1497	—	1621	P.	1747	P.
1249	P.	1373	P.	1499	P.	1623	—	1749	—
1251	—	1377	—	1501	19	1627	P.	1751	17
1253	7	1379	7	1503	—	1629	—	1753	P.
1257	—	1381	P.	1507	11	1631	7	1757	7
1259	P.	1383	—	1509	—	1633	23	1759	P.
1261	13	1387	19	1511	P.	1637	P.	1761	—
1263	—	1389	—	1513	17	1639	11	1763	41
1267	7	1391	13	1517	37	1641	—	1767	—
1269	—	1393	7	1519	7	1643	31	1769	29
1271	31	1397	P.	1521	- 39 ²	1647	—	1771	7
1273	19	1399	P.	1523	P.	1649	17	1773	—
1277	P.	1401	—	1527	—	1651	13	1777	P.
1279	P.	1403	23	1529	11	1653	—	1779	—
1281	—	1407	—	1531	P.	1657	P.	1781	13
1283	P.	1409	P.	1533	—	1659	—	1783	P.
1287	—	1411	17	1537	29	1661	11	1787	P.
1289	P.	1413	—	1539	—	1663	P.	1789	P.
1291	P.	1417	13	1541	23	1667	P.	1791	—
1293	—	1419	—	1543	P.	1669	P.	1793	11
1297	P.	1421	7	1547	7	1671	—	1797	—
1299	—	1423	P.	1549	P.	1673	7	1799	7
1301	P.	1427	P.	1551	—	1677	—	1801	P.
1303	P.	1429	P.	1553	P.	1679	23	1803	—
1307	P.	1431	—	1557	—	1681	41 ²	1807	13
1309	7	1433	P.	1559	P.	1683	—	1809	—

1811	P.	1937	13	2061	—	2187	3 ⁷	2311	P.
1813	7	1939	7	2063	P.	2189	11	2313	—
1817	23	1941	—	2067	—	2191	7	2317	7
1819	17	1943	29	2069	P.	2193	—	2319	—
1821	—	1947	—	2071	19	2197	13	2321	11
1823	P.	1949	P.	2073	—	2199	—	2323	23
1827	—	1951	P.	2077	31	2201	31	2327	13
1829	31	1953	—	2079	—	2203	P.	2329	17
1831	P.	1957	19	2081	P.	2207	P.	2331	—
1833	—	1959	P.	2083	P.	2209	47 ²	2333	P.
1837	11	1961	37	2087	P.	2211	—	2337	—
1839	—	1963	13	2089	P.	2213	P.	2339	P.
1841	7	1967	7	2091	—	2217	—	2341	P.
1843	19	1969	11	2093	7	2219	7	2343	—
1847	P.	1971	—	2097	—	2221	P.	2347	P.
1849	43 ²	1973	P.	2099	P.	2223	—	2349	—
1851	—	1977	—	2101	11	2227	17	2351	P.
1853	17	1979	P.	2103	—	2229	—	2353	13
1857	—	1981	7	2107	7	2231	23	2357	P.
1859	11	1983	—	2109	—	2233	11	2359	7
1861	P.	1987	11	2111	P.	2237	P.	2361	—
1863	—	1989	P.	2113	P.	2239	P.	2363	17
1867	P.	1991	P.	2117	29	2241	—	2367	—
1869	—	1993	P.	2119	13	2243	P.	2369	23
1871	P.	1997	—	2121	—	2247	—	2371	P.
1873	P.	1999	P.	2123	11	2249	13	2373	—
1877	P.	2001	—	2127	—	2251	P.	2377	P.
1879	P.	2003	P.	2129	P.	2253	—	2379	—
1881	—	2007	—	2131	P.	2257	37	2381	P.
1883	7	2009	7	2133	—	2259	—	2383	P.
1887	—	2011	P.	2137	P.	2261	7	2387	7
1889	P.	2013	—	2139	—	2263	31	2389	P.
1891	31	2017	P.	2141	P.	2267	P.	2391	—
1893	—	2019	—	2143	P.	2269	P.	2393	P.
1897	7	2021	43	2147	19	2271	—	2397	—
1899	—	2023	7	2149	7	2273	P.	2399	P.
1901	P.	2027	P.	2151	—	2277	—	2401	7 ⁴ =49 ²
1903	11	2029	P.	2153	P.	2279	P.	2403	—
1907	P.	2031	—	2157	—	2281	P.	2407	29
1909	23	2033	19	2159	17	2283	P.	2409	—
1911	—	2037	P.	2161	P.	2287	P.	2411	P.
1913	P.	2039	P.	2163	—	2289	—	2413	19
1917	—	2041	13	2167	11	2291	29	2417	P.
1919	19	2043	—	2169	—	2293	P.	2419	41
1921	17	2047	23	2171	13	2297	P.	2421	—
1923	—	2049	—	2173	41	2299	11	2423	P.
1927	41	2051	7	2177	7	2301	—	2427	—
1929	—	2053	P.	2179	P.	2303	7	2429	7
1931	P.	2057	11	2181	—	2307	—	2431	11
1933	P.	2059	29	2183	37	2309	P.	2433	—

2437	P.	2561	13	2687	P.	2811	—	2937	—
2439	—	2563	11	2689	P.	2813	29	2939	P.
2441	P.	2567	17	2691	—	2817	—	2941	17
2443	7	2569	7	2693	P.	2819	P.	2943	—
2447	P.	2571	—	2697	—	2821	7	2947	7
2449	31	2573	31	2699	P.	2823	—	2949	—
2451	—	2577	—	2701	37	2827	11	2951	13
2453	11	2579	P.	2703	—	2829	—	2953	P.
2457	—	2581	29	2707	P.	2831	19	2957	P.
2459	P.	2583	—	2709	—	2833	P.	2959	11
2461	23	2587	13	2711	P.	2837	P.	2961	—
2463	—	2589	—	2713	P.	2839	17	2963	P.
2467	P.	2591	P.	2717	11	2841	—	2967	—
2469	—	2593	P.	2719	P.	2843	P.	2969	P.
2471	7	2597	7	2721	—	2847	—	2971	P.
2473	P.	2599	23	2723	7	2849	7	2973	—
2477	P.	2601	-51 ²	2727	—	2851	P.	2977	13
2479	37	2603	19	2729	P.	2853	—	2979	—
2481	—	2607	—	2731	P.	2857	P.	2981	11
2483	13	2609	P.	2733	—	2859	—	2983	19
2487	—	2611	7	2737	7	2861	P.	2987	29
2489	19	2613	—	2739	—	2863	7	2989	7
2491	47	2617	P.	2741	P.	2867	47	2991	—
2493	—	2619	—	2743	13	2869	19	2993	41
2497	11	2621	P.	2747	41	2871	—	2997	—
2499	—	2623	43	2749	P.	2873	13	2999	P.
2501	41	2627	37	2751	—	2877	—	3001	P.
2503	P.	2629	11	2753	P.	2879	P.	3003	—
2507	23	2631	—	2757	—	2881	43	3007	31
2509	13	2633	P.	2759	31	2883	—	3009	—
2511	—	2637	—	2761	11	2887	P.	3011	P.
2513	7	2639	7	2763	—	2889	—	3013	23
2517	—	2641	19	2767	P.	2891	7	3017	7
2519	11	2643	—	2769	—	2893	11	3019	P.
2521	P.	2647	P.	2771	17	2897	P.	3021	—
2523	—	2649	—	2773	47	2899	13	3023	P.
2527	7	2651	11	2777	P.	2901	—	3027	—
2529	—	2653	7	2779	7	2903	P.	3029	13
2531	P.	2657	P.	2781	—	2907	—	3031	7
2533	17	2659	P.	2783	11	2909	P.	3033	—
2537	43	2661	—	2787	—	2911	41	3037	P.
2539	P.	2663	P.	2789	P.	2913	—	3039	—
2541	—	2667	—	2791	P.	2917	P.	3041	P.
2543	P.	2669	17	2793	—	2919	—	3043	17
2547	—	2671	P.	2797	P.	2921	23	3047	11
2549	P.	2673	—	2799	—	2923	37	3049	P.
2551	P.	2677	P.	2801	P.	2927	P.	3051	—
2553	—	2679	—	2803	P.	2929	29	3053	43
2557	P.	2681	7	2807	7	2931	—	3057	—
2559	—	2683	P.	2809	53 ²	2933	7	3059	7

3061	P.	3113	11	3167	P.	3219	—	3271	P.
3063	—	3117	—	3169	P.	3221	P.	3273	—
3067	P.	3119	P.	3171	—	3223	11	3277	29
3069	—	3121	P.	3173	19	3227	7	3279	—
3071	37	3123	—	3177	—	3229	P.	3281	17
3073	7	3127	53	3179	11	3231	—	3283	7
3077	17	3129	—	3181	P.	3233	53	3287	19
3079	P.	3131	31	3183	—	3237	—	3289	11
3081	—	3133	P.	3187	P.	3239	41	3291	—
3083	P.	3137	P.	3189	—	3241	7	3293	37
3087	—	3139	43	3191	P.	3243	—	3297	—
3089	P.	3141	—	3193	31	3247	17	3299	P.
3091	11	3143	7	3197	23	3249	-57 ²	3301	P.
3093	—	3147	—	3199	7	3251	P.	3303	—
3097	19	3149	47	3201	—	3253	P.	3307	P.
3099	—	3151	23	3203	P.	3257	P.	3309	—
3101	7	3153	—	3207	—	3259	P.	3311	7
3103	29	3157	7	3209	P.	3261	—	3313	P.
3107	13	3159	—	3211	13	3263	13	3317	31P.
3109	P.	3161	29	3213	—	3267	—	3319	P.
3111	—	3163	P.	3217	P.	3269	7	3321	—

The first dozen factorials, and sub-factorials; and the ratios they bear to one another; note that $\ln / \ll n = e$

N	\ln	$\ll n$	$\ln \div \ll n$	$\ll n \div \ln$
1	1	0	∞	0.000000
2	2	1	2.000000	0.500000
3	6	2	3.000000	0.333333
4	24	9	2.666666	0.375000
5	120	44	2.727272	0.366666
6	720	265	2.716981	0.368055
7	5040	1854	2.718446	0.367857
8	40320	14833	2.718262	0.367881
9	362880	133496	2.718283	0.367879
10	2628800	1334961	2.718281	0.367879
11	39916800	14684570	2.718281	0.367879
12	479001600	176214841	2.718281	0.367879

Factorial n , or \ln is the continued product of all the whole numbers from 1 to n inclusive and is the number of ways in which n different things can be arranged.

Sub-factorial n , or $\ll n$, is the nearest whole number to $n \div e$, and is the number of ways in which a row of n elements may be so deranged, that no element may have its original position.

Thus $\ln = 1 \times 2 \times 3 \times \dots \times n$,

and $\ll n = \frac{1 \times 2 \times 3 \times \dots \times n}{2.71828188\dots} \pm h$,

where h is the smaller decimal fraction less than unity by which the fraction $\frac{1 \times 2 \times 3 \times \dots \times n}{2.71828188\dots}$ differs whole number, and is to be added or subtracted as the case may be.—The most useful expression for $\ll n$ is:

$$\frac{1}{n!} \equiv n! - \frac{n}{1}(n-1)! + \frac{n(n-1)}{1 \cdot 2}(n-2)! - \frac{n(n-1)(n-2)}{1 \cdot 2 \cdot 3}(n-3)! + \text{etc}$$

to (n+1) terms.

$$e \equiv 1 + \frac{1}{1!} + \frac{1}{2!} + \frac{1}{3!} \dots \text{to } \infty$$

$$\equiv (\#2.71828188\dots)$$

Names of the letters	Figures of the letters	Value of the letters	English equivalents of the letters
(M) Aleph	א	1	A
(D) Beth	ב	2	B
(D) Gimel	ג	3	C
(D) Daleth	ד	4	D
(S) Heh	ה	5	H (E)
(S) Vau	ו	6	V (U)
(S) Zayin	ז	7	Z
(S) Kheth (Cheth)	ח	8	Ch
(S) Teth	ט	9	T
(S) Yodh	י	10	Y (I or J)
(D) Kaph	כ ך	20 500	K
(S) Lamed	ל	30	L
(M) Mem	מ ם	40 600	M
(S) Nun	נ ן	50 700	N
(S) Samekh	ס	60	S
(S) Ayin	ע	70	O (A'a or Ng)
(D) Peh	פ ף	80 800	P
(S) Tzaddi	צ ץ	90 900	Tz
(S) Qoph	ק	100	Q
(D) Resh	ר	200	R
(M) Shin	ש	300	S Sh
(D) Tau	ת	400	T Th

When written large, the Value of a Hebrew letter is increased to one thousand times its ordinary value. A large Aleph is counted 1000: a large Beth, 2000: and so on.

Note that A, I, O, U, H, are really consonants, mere bases for the vowels. These vowels are not here given, as they have no importance in Gematria.

M, D and S before the names of the letters shew their division into Mothers, Double and Single letters, referred respectively to active Elements, Air, Water, Fire, Planets, and Signs. But ן and ף also serve to signify the Elements of Spirit and of Earth. See Liber 777.