TOTALLY EXTREME WORDS

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Consider the word CLIFF. The first letter (C) has an alphabetical value of 3; the last letter (F) a value of 6 (assigning a =1, b = 2...z = 26). Coincidentally, the total value of the whole word is 36. CLIFF is what I call a **totally extreme word**. However, it doesn't end there. The total value of the middle letters situated between C and F (L, I, F = 12+9+6) is 27, which is 9 times the value of the first letter, C. It transpires that:

   1.   When, in a totally extreme word, the value of the first letter lies between 1 and 26 (A - Z), and the value of the last letter lies between 1 and 9 (A – I), then the total value of the middle letters is always 9 times the value of the first letter.

   2.   When the value of the first letter lies between 1 and 26 (A - Z), and the value of the last letter consists of a double figure between 10 and 26 (J – Z), then the total value of the middle letters is always 99 times the value of the first letter.

Some of this is purely academic because where would you find a word beginning with G (7) and ending in M (13) with a total value of 713!

Here is a collection of Totally Extreme Words. The total value of each word is given.

Unreferenced words can be found in the Oxford English Dictionary, Second Edition. Other references: *Cham* = Chambers Dictionary; *Grz.* = Grzimek's Animal Life Encyclopedia vol. 1, 1971; *Hod* = Handbook of American Indians, ed. F.W. Hodge, 1907; *Sted* = Stedman's Medical Dicy. *TF* = Tertiary Faunas by A. Morley Davies, 1971; *Web2* = Webster's Second Edition; Locations, by country, are taken from the United States Board on Geographic Names.

1. FIRST LETTER A – Z;   LAST LETTER A – I

When the first letter reaches T (20), the 3-digit total exceeds 200 and totally extreme words become scarcer (see end of article). Hence, the first letters of the words listed here are cut off at S (19).

11 AGBA (a tree)	21 BRA	31 COLA	41 DERMA (skin under epidermis)
12 AHAB	22 BAHIB (Yemen)	32 CRIB	42 DALERB (U.K.)
13 AIC (*Hod*)	23 BOBAC (a marmot)	33 CADMIC (of cadmium)	43 DAMALIC (name of an acid)
14 AID	24 BEDDED	34 COLD	44 DEAFENED
15 AEBBE (have)	25 BADDIE	35 COLE	45 DATABLE
16 ABAFF (abaft –*Web2*)	26 BELÁF (remained)	36 CUFF	46 DOUF (dull, inactive)
17 AGAAG (Algeria)	27 BELAG (to make to lag)	37 CLOG	47 DOUG
18 AHAH	28 BOCH (botch)	38 CREACH (local soil name)	48 DATOH (a chief in Borneo)
19 AEDI (blessed)	29 BALEI (*Web2*)	39 COLI	49 DAZHAI (China)

51 ENDEMIA	61 FRAGARIA (strawberry)	71 GENTIANA (plant genus)	81 HESPERIA (butterfly genus)
52 ENCARIB (Somalia)	62 FOURB (a cheat)	72 GODSYB (gossip)	82 HAYYUB (Lebanon)
53 ENDEMIC	63 FROLIC	73 GEOLOGIC	83 HOLOGAMIC
54 ENHANCED	64 FITTED	74 GAELICISED	84 HUMORED
55 EXHALE	65 FUNDABLE	75 GENERATE	85 HOPLITE (ancient Greek soldier)
56 ER-RIF (Egypt)	66 FIVE-LEAF (cinquefoil)	76 GOOROF (Somalia)	86 HANNGOUF (Algeria)
57 EVING (a house eave)	67 FLECKING	77 GORGING	87 HIGHJACKING
58 EMBLANCH (to whiten)	68 FEATISH (tolerable)	78 GALUMPH	88 HYACINTH
59 EESILI (easily)	69 FOVELI (Burkina Faso)	79 GRADUARI (to take a \degree – *Cham*)	89 HORTARI (Lat: to incite – *Cham*)

91 INTARSIA	101 JOUBERTIA (a mollusc)		*FOR*
92 IL-GHARIB (Malta)	102		*TOTALS OF*
93 ISOIONIC (chemical term)	103 JOVANOVAC (Croatia)		111 - 126
94 IMPLANTED	104 JELLY-BONED		*SEE*
95 IMMIGRATE	105 JARGONIZE		**3.** *BELOW*
96 INISHDUFF (Ireland)	106 JEITENDORF (Austria)		
97 IMPELLING	107 JAPANIZING (making Japanese)	127	LOAD-CARRYING
98 INTEGRAPH	108 JUWAYSAH (Egypt)	128	LIQUORISH
99 IZVORI (Albania)	109 JURPUNI (Bangladesh)	129	LAMBOURGHINI

131	MICROPLEURA	141	NOTOCHORDOMA	151	OSTEOCARCINOMA (*Sted*)
132		142		152	
133	MESOTROPIC	143	NARCISSISTIC	153	OSCILLOMETRIC
134	MISPERSUADED	144	NON-CONCURRED	154	OVERDRAMATISED
135	MULTIPLICABLE	145	NORTHERNISE	155	OVERPRESCRIBE
136	MILDEW-PROOF (*Web2*)	146	NEUHERMSDORF (Germany)	156	OBERGOTZENHOF (Germany)
137	MONOGRAPHING	147	NEWSPAPERING (journalism)	157	ORCHESTRATING
138	MURUPUTH (Kenya)	148	NAMBY-PAMBYISH	158	OPHTHALMOGRAPH
139	MAZZOTTII (sp. name)	149	NYARUZIZI (Burundi)	159	OSSAUSKOSKI (Finland)

161	POLYMASTIGINA (an order	171	QUADRANTANOPSIA (*Sted*)	181	ROTMISTROVKA (Ukraine)
162	\of flagellates – *Grz.*)	172		182	
163	PHOTOTROPHIC	173		183	RADIOPHOTOGRAPHIC
164	POSTSCRIPTED	174		184	REMISUNDERSTAND (*Web2*)
165	PRESENSITIZE	175	QUISQUISQUE (Honduras)	185	RUGOSE-PUNCTATE (*Web2*)
166		176		186	
167	PARLIAMENTEERING	177		187	REUPHOLSTERING
168	PRE-ISRAELITISH (*Web2*)	178	QUSTANTINIYAH (Egypt)	188	RADIOMETEOROGRAPH
169	PRZYWOZKI (Poland)	179	QUKES-SHKUMBINI (Albania)	189	RUBESHIBETSU-SAKI (Japan)

191	STRUTHIOLARELLA (*TF*)
192	
193	SYSTOLOMETRIC (*Sted*)
194	SEMIPHLOGISTICATED (*Web2*)
195	SUPERCONDUCTIVE
196	SCHLEIFSTEINSKOPF (Germany)
197	SENTIMENTALIZING
198	SEVENTY-FOURTH (*Web2*)
199	SHOTORSHOTORI (Iran)

2. FIRST LETTER A – Z; LAST LETTER J - Z

In this category, A is the only first letter which produces totally extreme words with a 3-digit total below 200. eg. <u>A</u>NTINUCLEA<u>R</u> (1.18). The total of the middle letters (N,T,I,N,U,C,L,E,A = 14+20+9+14+21+3+12+5+1) is 99, ,which is 99 times the value of the first letter, A. For more of these words, see **3.** below

3. SAME TOTAL BUT DIFFERENT FIRST LETTERS AND DIFFERENT LAST LETTERS

For word totals between 111 and 126, the same total may allow the use of two different pairs of extreme letters. For example, a total of 125 can represent a totally extreme word which begins with L (12) and ends with E (5) as well as one which begins with A (1) and ends with Y (25). <u>L</u>AUNDERETT<u>E</u> (12-5) and <u>A</u>RTIFICIALL<u>Y</u> (1-25) are one such pair, both having a word total of 125.

Words with a total of 120, such as <u>A</u>LTRUIS<u>T</u> (1.20), are an exception and cannot be paired because no letter has a value of 0 (12.0)!

1.11	ARATURUK (China)	1.12	ARGUMENTAL	1.13	ALTRUISM
11.1	KURUMAYA (a rickshaw puller)	11.2	KRANZELERB (Austria))	11.3	KURJAKOVAC (Bosnia-H.)
1.14	ADMONITION	1.15	ANTIPASTO (Hors d'oeuvre)	1.16	ALTENDONOP (Germany)
11.4	KENNEL-SHAPED	11.5	KALEIDOSCOPE	11.6	KULENKAMPFF (a violinist)
1.17	AKULERQOQ (Greenland)	1.18	ANTINUCLEAR	1.19	ACCUMULATES
11.7	KAWNGSUNG (Burma)	11.8	KNURRISH (gnarled)	11.9	KULLUMBRI (Albania)
1.21	ANTROLIKU (Cyprus)	1.22	ALEKSANDROV (Belarus)	1.23	ANITSCHKOW (a type of cell)
12.1	LEPIDOPTERA	12.2		12.3	LINGUISTIC
1.24	ARCHICORTEX (*Sted*)	1.25	ARTIFICIALLY	1.26	AUNJETITZ (Czechoslovakia)
12.4	LOW-CRESTED (*Web2*)	12.5	LAUNDERETTE	12.6	LIGHT-PROOF (*Cham*)

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Totally extreme words with a total in excess of 200 do exist but only in small numbers. These three are the most understandable ones I found:

20.4 TRUNCATO-ROTUND 21.5 UNCIRCUMSCRIPTIBLE 22.5 VIGINTIQUINTUPLE (the result of multiplying by 25)