

aabacadaeafagahaiajakalama
anaoapaqarasatauavawaxayaza
babbcdbdbefbgbhbibjbkblbmb
bnbobpbqbrbsbtbubvbwbxbzb
cacbccdcecfcgchcicjckclcmc
cncocpcqcrcsctcucvcwcxcyczc
dadbdcddefdgdhdidjdkldmd
dndodpdqdrdsdtduvdvwdxdydzd
eaebecedeefegeheiejekeleme
eneoepeqereseteuevewexeyeze
fabfcfdfeffgfhfifjfkflfm
fnfofpfqfrfsftfufvfwfxfyfzf
gagbgcgdgegfgghgigjgkglgmg
gngogpgqgrgsrgtgugvgwgxgygzg
hahbhchdhehfhhghhijhkhhlh
hnhohphqhrrhshthuhvhwhxhyhzh

iaibicidieifigihiijikiliminioipiqirisitI
iuiviwixiyizi
jajbjcjdjejfjgjhjijjkjlmjnjojpjqjrjsjtj
jujvjwjxjyjzj
kakbkckdkekfkkgkhkikjkkllkmm
knkokpkqkrksktkukvkwkxkykzk
lalblcldlelflglhliljklmnlol
lplqlrlsltlulvlwlxlylzl
mambmcmdmemfmgmhmimjmkmlm
mmnmompmqmrmsmtmumvmwmxmymzm
nanbncndnenfnghnhninjnknlnmn
nnonpnqnrrnsntnunvnwnxnynzn
oaobocodoeofogohoiojokolomo
onoopoqorosotouovowoxoyozo
papbpcpdpepfpgphpipjpkplpmp
pnpopppqprpsptpupvpwpxpypzp

qaqbqcqdqeqfqgqhqiqlqlmq
qnqoqpqqrrqsqtquqvqwqxqyqzq
rarbrcrdrerfrgrhrirjrkrllmr
rnrorprqrrsrtrurvrwxryrzt
sasbscsdsesfsgshsisjskslsms
snsospsqsrssstsusvswsxsyszs
tatbtctdtetftgthtitjtkltmt
tntotptqttrtstttutvtwtxtytzt
uaubucudueufuguhuiujukulumu
unuoupuqurusutuuvuwuxuyuzu
vavbvcvdvevfvghvvhvivjvkvlvmv
vnvovpvqvrvsvtvuuvvwvxvyvzv
wawbwcwdwewfwgwhwiwjkwvlwmw
wnwowpwqwrwswtwuwvwwxwywzw
xaxbxcxdxexfxgxhxixjxkxlxxmx
xnxoxpxqxrxsxtxuxvxwxxyxzx

yaybycydyeyfygyhyiyjykylymy
ynyoypyqyrystyuyvywyxyyyzy
zazbzczdzezfgzhzizjzkzlmz
znzozpzqzrzsztzuzvzwzxzyzz
æɑæbæcædæeæfægæhæiæjækælaemæ
ænæoæpæqæræsætæuævæwæxæyæzæ
01020304050607080900\$00£0¢0Δ0
0•0.0,0;0:0-0
0%0<0>0=0+0™0∫0#0∞0β0@0©0¢0
11213141516171819101\$1§1£1¢1Δ1•1.1,1;1:1-1
1%1<1>1=1+1™1∫1#1∞1β1@1©1¢1
21223242526272829202\$2§2£2¢2Δ2•2.2,2;2:2-2
2%2<2>2=2+2™2∫2#2∞2β2@2©2¢2
31323343536373839303\$3§3£3¢3Δ3•3.3,3;3:3-3
3%3<3>3=3+3™3∫3#3∞3β3@3©3¢3
41424344546474849404\$4§4£4¢4Δ4•4.4,4;4:4-4

4%4<4>4=4+4™4∫4#4∞4@4©4¢4

51525354556575859505\$5§5£5¢5Δ5•5.5,5;5:5-5

5%5<5>5=5+5™5∫5#5∞5@5©5¢5

61626364656676869606\$6§6£6¢6Δ6•6.6,6;6:6-6

6%6<6>6=6+6™6∫6#6∞6@6©6¢6

71727374757677879707\$7§7£7¢7Δ7•7.7,7;7:7-7

7%7<7>7=7+7™7∫7#7∞7@7©7¢7

81828384858687889808\$8§8£8¢8Δ8•8.8,8;8:8-8

8%8<8>8=8+8™8∫8#8∞8@8©8¢8

91929394959697989909\$9§9£9¢9Δ9•9.9,9;9:9-9

9%9<9>9=9+9™9∫9#9∞9@9©9¢9

0/1/2/3/4/5/6/7/8/9/0

!0!1!2!3!4!5!6!7!8!9!

?0?1?2?3?4?5?6?7?8?9?

(0) (1) (2) (3) (4) (5) (6) (7) (8) (9) [0] [1] [2] [3] [4]

[5] [6] [7] [8] [9] {0} {1} {2} {3} {4} {5} {6} {7} {8} {9}

.a. .b. .c. .d. .e. .f. .g. .h. .i. .j. .k. .l. .m. .n. .o. .p. .q. .r. .s. .t.
 .u. .v. .w. .x. .y. .z. ,a, ,b, ,c, ,d, ,e, ,f, ,g, ,h, ,i, ,j, ,k, ,l, ,m,
 ,n, ,o, ,p, ,q, ,r, ,s, ,t, ,u, ,v, ,w, ,x, ,y, ,z, /a/b/c/d/e/f/
 g/h/i/j/k/l/m/n/o/p/q/r/s/t/u/v/w/x/y/z/ \a\b\
 c\d\e\f\g\h\i\j\k\l\m\n\o\p\q\r\s\t\u\v\w\x\
 y\z\ a: b: c: d: e: f: g: h: i: j: k: l: m: n: o: p: q: r: s: t: u:
 v: w: x: y: z: a; b; c; d; e; f; g; h; i; j; k; l; m; n; o; p; q; r;
 s; t; u; v; w; x; y; z; !a! !b! !c! !d! !e! !f! !g! !h! !i! !j! !k! !! !m!
 !n! !o! !p! !q! !r! !s! !t! !u! !v! !w! !x! !y! !z! ?a? ?b? ?c? ?d?
 ?e? ?f? ?g? ?h? ?i? ?j? ?k? ?l? ?m? ?n? ?o? ?p? ?q? ?r?
 ?s? ?t? ?u? ?v? ?w? ?x? ?y? ?z? (a) (b) (c) (d) (e) (f) (g)
 (h) (i) (j) (k) (l) (m) (n) (o) (p) (q) (r) (s) (t) (u) (v) (w)
 (x) (y) (z) [a] [b] [c] [d] [e] [f] [g] [h] [i] [j] [k] [l] [m]
 [n] [o] [p] [q] [r] [s] [t] [u] [v] [w] [x] [y] [z] {a} {b}
 {c} {d} {e} {f} {g} {h} {i} {j} {k} {l} {m} {n} {o} {p} {q} {r}
 {s} {t} {u} {v} {w} {x} {y} {z} -a- -b- -c- -d- -e- -f- -g-

-h- -i- -j- -k- -l- -m- -n- -o- -p- -q- -r- -s- -t- -u- -v- -w-
 -x- -y- -z- -a- -b- -c- -d- -e- -f- -g- -h- -i- -j- -k-
 -l- -m- -n- -o- -p- -q- -r- -s- -t- -u- -v- -w- -x-
 -y- -z- -a- -b- -c- -d- -e- -f- -g- -h-
 -i- -j- -k- -l- -m- -n- -o- -p- -q- -r-
 -s- -t- -u- -v- -w- -x- -y- -z-
 “a“b“c“d“e“f“g“h“i“j“k“l“m“n“o“p“q“r“s“t“u“v“w“x“y
 “z“
 ”a”b”c”d”e”f”g”h”i”j”k”l”m”n”o”p”q”r”s”t”u”v”w”x”y
 ”z”
 ‘a‘b‘c‘d‘e‘f‘g‘h‘i‘j‘k‘l‘m‘n‘o‘p‘q‘r‘s‘t‘u‘v‘w‘x‘y‘z‘
 ’a’b’c’d’e’f’g’h’i’j’k’l’m’n’o’p’q’r’s’t’u’v’w’x’y’z’
 *a*b*c*d*e*f*g*h*i*j*k*l*m*
 *n*o*p*q*r*s*t*u*v*w*x*y*z*
 &a&b&c&d&e&f&g&h&i&j&k&l&m&
 &n&o&p&q&r&s&t&u&v&w&x&y&z&

.A. .B. .C. .D. .E. .F. .G. .H. .I. .J. .K. .L. .M. .N. .O. .P. .Q. .R.
.S. .T. .U. .V. .W. .X. .Y. .Z. ,A, ,B, ,C, ,D, ,E, ,F, ,G, ,H, ,I,
,J, ,K, ,L, ,M, ,N, ,O, ,P, ,Q, ,R, ,S, ,T, ,U, ,V, ,W, ,X, ,Y, ,Z,
/A/B/C/D/E/F/G/H/I/J/K/L/M/N/O/P/Q/R/S/T/
U/V/W/X/Y/Z/ \A\B\C\D\E\F\G\H\I\J\K\L\M\
N\O\P\Q\R\S\T\U\V\W\X\Y\Z\ A: B: C: D: E: F: G:
H: I: J: K: L: M: N: O: P: Q: R: S: T: U: V: W: X: Y: Z: A;
B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U; V;
W; X; Y; Z; !A! !B! !C! !D! !E! !F! !G! !H! !I! !J! !K! !L! !M! !N!
!O! !P! !Q! !R! !S! !T! !U! !V! !W! !X! !Y! !Z! ?A? ?B? ?C? ?D?
?E? ?F? ?G? ?H? ?I? ?J? ?K? ?L? ?M? ?N? ?O? ?P? ?Q?
?R? ?S? ?T? ?U? ?V? ?W? ?X? ?Y? ?Z? (A) (B) (C) (D)
(E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S)
(T) (U) (V) (W) (X) (Y) (Z) [A] [B] [C] [D] [E] [F] [G]
[H] [I] [J] [K] [L] [M] [N] [O] [P] [Q] [R] [S] [T] [U]
[V] [W] [X] [Y] [Z] {A} {B} {C} {D} {E} {F} {G} {H} {I}

{J} {K} {L} {M} {N} {O} {P} {Q} {R} {S} {T} {U} {V} {W}
 {X} {Y} {Z} -A- -B- -C- -D- -E- -F- -G- -H- -I- -J- -K-
 -L- -M- -N- -O- -P- -Q- -R- -S- -T- -U- -V- -W- -X- -Y-
 -Z- -A- -B- -C- -D- -E- -F- -G- -H- -I- -J- -K- -L-
 -M- -N- -O- -P- -Q- -R- -S- -T- -U- -V- -W- -X-
 -Y- -Z- —A— —B— —C— —D— —E— —F— —G— —H—
 —I— —J— —K— —L— —M— —N— —O— —P— —Q—
 —R— —S— —T— —U— —V— —W— —X— —Y— —Z—
 “A“B“C“D“E“F“G“H“I“J“K“L“M“N“O“P“Q“R“S“T“U“V“
 W“X“Y“Z””A”B”C”D”E”F”G”H”I”J”K”L”M”N”O”P”Q”R”
 S”T”U”V”W”X”Y”Z”
 ‘A‘B‘C‘D‘E‘F‘G‘H‘I‘J‘K‘L‘M‘N‘O‘P‘Q‘R‘S‘T‘U‘V‘W‘X‘Y‘Z‘
 ’A’B’C’D’E’F’G’H’I’J’K’L’M’N’O’P’Q’R’S’T’U’V’W’X’Y’Z’
 *A*B*C*D*E*F*G*H*I*J*K*L*M*
 *N*O*P*Q*R*S*T*U*V*W*X*Y*Z*
 &A&B&C&D&E&F&G&H&I&J&K&L&M&

&N&O&P&Q&R&S&T&U&V&W&X&Y&Z&
AABACADAEAFAGAHAI AJAKALAMA
ANAOAPAQARASATAUAVAWAXAYAZA
BABBCBDBEBFBGBHBIBJBKBLBMB
BNBOBPBQBRBSBTBUBVBWBXBYBZB
CACBCCDCECF CGCHCICJCKCLCMC
CNCOCPCQCRC SCTCUCVCWCXCYCZC
DADBDCDDEDFDGDH DIDJDKDLDM D
DNDODPDQDRDSDTDUDVDWDXDYDZD
EAE BECEDEEFEGEHEIEJEKELEME
ENE OEPEQERESETEUEVEWE XEYEZE
FAFBFCFD FEFFGFHFIFJFKFLFM
FNFOFPFQFRFSFTFUFVFWFXFYFZF
GAGBGCGDGEGFGGHGIGJGKGLGMG
GNGOGPGQGGRGSGTGUGVGWGXGYGZG
HAHBHCHDHEH FHGHHHIHJHKHLHMH

HNHOHPHQHRHSHTHUHVHWHXHYHZH
IAIBICIDIEIFIGIHIIJIKILIMINIOIPIQIRISITIUIVI
WIXIYIZI
JAJBJCJDJEJFJGJHJIJJKJLJMJNJOJJPJQJRJSJT
J
J
JVJWJXJYJZJ
KAKBKCKDKEKFKGKHKIKJKKLKM
KNKOKPKQKRKSKTKUKVKWKXKYKZK
LALBLCLDLELFLGLHLILJLKLLMLNLOL
LPLQLRLSLTLULVLWLXLZL
MAMBMCMEMFMGMHMMIMJMKMLM
MMNMOMPMQMRMSMTMUMVMWWMXMYMZM
NANBNCNDNENFNGNHNINJNKNLNMN
NNONPNQNRNSNTNUNVNWNXNYNZN
OAOBOCODOEOFOGOHOIOJOKOLOMO
ONOOPOQOROSOTOVOVOWOXOYOZO

PAPBPCPDPEPFPGPHPIPJPKLPLMP
PNPOPPQPRPSPTPUPVPWPXPYPZP
QAQBQCQDQEQQFQQGQQHQIQJQKQLQMQ
QNQOQPQQRQSQTQUQVQWQXQYQZQ
RARBRCDRERFGRHRIRJRKRLMR
RNRORPRQRRSRTURVRWRXRZR
SASBSCSDSESFSGSHSISJSKSLSMS
SNSOSPSQSRSSSTSUSVSWXSYSZS
TATBTCTDTETFTGHTITJTTLTMT
TNTOTPTQTRTSTTUTVTWTXTYTZT
UAUBUCUDUEUFUGUHUIUJUKULUMU
UNUOUPUQURUSUTUUVUWUXUYUZU
VAVBVCVDVEVFGVHVIVJVKVLVMV
VNVOVPVQVRVSVTVUUVVWVXVYVZV
WAWBWCWDWEWFWGWHHWIWWJWKWLWMW
WNWOWPWQWRWSWTWUWVWWXWYWZW

XAXBXCXDXEXFXGXHXIXJXKXLXMX
XNXOXPXQXRXSXTXUXVXWXXYXZX
YAYBYCYDYEYFYGYHYIYJYKYLYMY
YNYOYPYQYRYSYTYUYVYWYXYYZY
ZAZBZCZDZEZFEZGZHIZJZKZLZMZ
ZNZOZPZQZRZSZTZUZVZWZXZYZZ

Aardvark Ablution Acrimonious Adventures Aeolian
Africa Agamemnon Ahoy Aileron Ajax Akimbo
Altruism America Anecdote Aorta Aptitude Aquarium
Arcade Aspartame Attrition Aurelius Avuncular
Awning Axminster Ayers Azure Banishment
Benighted Bhagavad Biblical Bjorn Blancmange
Bolton Brusque Burnish Bwana Byzantium Cabbala
Cetacean Charlemagne Cicero Clamorous Cnidarian
Conifer Crustacean Ctenoid Culled Cynosure Czarina

Dalmatian Delphi Dhurrie Dinner Djinn Document
Drill Dunleary Dvorak Dwindle Dynamo Eames
Ebullient Echo Edify Eels Eftsoons Egress Ehrlich
Eindhoven Eject Ekistics Elzevir Eminence Ennoble
Eocene Ephemeral Equator Erstwhile Estienne
Etiquette Eucalyptus Everyman Ewen Exeter Eyelet
Ezekiel Fanfare Ferocious Ffestiniog Finicky Fjord
Flanders Forestry Frills Furniture Fylfot Garrulous
Generous Ghastly Gimlet Glorious Gnomon Golfer
Grizzled Gumption Gwendolyn Gymkhana Harrow
Heifer Hindemith Horace Hsi Hubris Hybrid Iambic
Ibarra Ichthyology Identity Ievgeny Ifrit Ignite
Ihre Ikon Iliad Imminent Innovation Iolanthe
Ipanema Irascible Island Italic Ivory Iwis Ixtapa
Iyar Izzard Janacek Jenson Jitter Joinery Jr.
Jungian Kaiser Kenilworth Khaki Kindred Klondike

Knowledge Kohlrabi Kraken Kudzu Kvetch Kwacha
Kyrie Labrador Lent Lhasa Liniment Llama
Longboat Luddite Lyceum Mandarin Mbandaka
Mcintyre Mdina Mendacious Mfg. Mg Millinery Mlle.
Mme. Mnemonic Moribund Mr. Ms. Mtn. Munitions
Myra Narragansett Nefarious Nguyen Nile Nkoso
Nnenna Nonsense Nr. Nunnery Nyack Oarsman
Oblate Ocular Odessa Oedipus Often Ogre Ohms
Oilers Okra Olfactory Ominous Onerous Oogamous
Opine Ornate Ossified Othello Oubliette Ovens
Owlish Oxen Oyster Ozymandias Parisian Pb Pd.
Penrose Pfennig Pg. Pharmacy Pirouette Pleistocene
Pneumatic Porridge Pp. Principle Psaltery Ptarmigan
Pundit Pyrrhic Qaid Qed Qibris Qom Quill Ransom
Rb. Rd. Renfield Rheumatic Ringlet Rm. Ronsard
Rp. Rte. Runcible Rwanda Rye Salacious Sbeitla

Scherzo Serpentine Sforza Shackles Sinful Sjoerd
Skull Slalom Smelting Snipe Sorbonne Spartan
Squire Sri Stultified Summoner Svelte Swarthy
Sykes Szentendre Tarragon Tblisi Tcherny Tennyson
Thaumaturge Tincture Tlaloc Toreador Treacherous
Tsunami Turkey Twine Tyrolean Tzara Ubiquitous
Ucello Udder Ufology Ugric Uhlan Uitlander
Ukulele Ulster Umber Unguent Uomo Uplift Ursine
Usurious Utrecht Uvula Uxorious Uzbek Vanished
Vd. Venomous Vindicate Voracious Vrillier Vs.
Vt. Vulnerable Vying Washington Wendell Wharf
Window Wm. Worth Wrung Wt. Wunderman Wyes
Xanthan Xenon Xiao Xmas Xray Xuxa Xylem Yarrow
Ybarra Ycair Yds. Yellowstone Yggdrasil Yin Ylang
Yours Ypsilanti Yquem Yrs. Ys. Ytterbium Yunnan
Yvonne Zanzibar Zero Zhora Zinfandel Zone Zuni

Zwieback Zygote

AARDVARK ABLUTION ACRIMONIOUS
ADVENTURES AEOLIAN AFRICA AGAMEMNON
AHOY AILERON AJAX AKIMBO ALTRUISM
AMERICA ANECDOTE AORTA APTITUDE AQUARIUM
ARCADE ASPARTAME ATTRITION AURELIUS
AVUNCULAR AWNING AXMINSTER AYERS
AZURE BANISHMENT BENIGHTED BHAGAVAD
BIBLICAL BJORN BLANCMANGE BOLTON
BRUSQUE BURNISH BWANA BYZANTIUM CABBALA
CETACEAN CHARLEMAGNE CICERO CLAMOROUS
CNIDARIAN CONIFER CRUSTACEAN CTENOID
CULLED CYNOSURE CZARINA DALMATIAN DELPHI
DHURRIE DINNER DJINN DOCUMENT DRILL
DUNLEARY DVORAK DWINDLE DYNAMO EAMES

EBULLIENT ECHO EDIFY EELS EFTSOONS EGRESS
EHRlich EINDHOVEN EJECT EKISTICS ELZEVIR
EMINENCE ENNOBLE EOCENE EPHEMERAL
EQUATOR ERSTWHILE ESTIENNE ETIQUETTE
EUCALYPTUS EVERYMAN EWEN EXETER EYELET
EZEKIEL FANFARE FEROCIOUS FFESTINIOG
FINICKY FJORD FLANDERS FORESTRY FRILLS
FURNITURE FYLFOT GARRULOUS GENEROUS
GHASTLY GIMLET GLORIOUS GNOMON GOLFER
GRIZZLED GUMPTION GWENDOLYN GYMKHANA
HARROW HEIFER HINDEMITH HORACE HSI
HUBRIS HYBRID IAMBIC IBARRA ICHTHYOLOGY
IDENTITY IEVGENY IFRIT IGNITE IHRE IKON
ILIAD IMMINENT INNOVATION IOLANTHE
IPANEMA IRASCIBLE ISLAND ITALIC IVORY IWIS
IXTAPA IYAR IZZARD JANACEK JENSON JITTER

JOINERY JR. JUNGIAN KAISER KENILWORTH
KHAKI KINDRED KLONDIKE KNOWLEDGE
KOHLRABI KRAKEN KUDZU KVETCH KWACHA
KYRIE LABRADOR LENT LHASA LINIMENT
LLAMA LONGBOAT LUDDITE LYCEUM MANDARIN
MBANDAKA MCINTYRE MDINA MENDACIOUS
MFG. MG MILLINERY MLLE. MME. MNEMONIC
MORIBUND MR. MS. MTN. MUNITIONS MYRA
NARRAGANSETT NEFARIOUS NGUYEN NILE
NKOSO NNENNA NONSENSE NR. NUNNERY NYACK
OARSMAN OBLATE OCULAR ODESSA OEDIPUS
OFTEN OGRE OHMS OILERS OKRA OLFACTORY
OMINOUS ONEROUS OOGAMOUS OPINE ORNATE
OSSIFIED OTHELLO OUBLIETTE OVENS OWLISH
OXEN OYSTER OZYMANDIAS PARISIAN PB PD.
PENROSE PFENNIG PG. PHARMACY PIROUETTE

PLEISTOCENE PNEUMATIC PORRIDGE PP.
PRINCIPLE PSALTERY PTARMIGAN PUNDIT
PYRRHIC QAID QED QIBRIS QOM QUILL RANSOM
RB. RD. RENFIELD RHEUMATIC RINGLET RM.
RONSARD RP. RTE. RUNCIBLE RWANDA RYE
SALACIOUS SBEITLA SCHERZO SERPENTINE
SFORZA SHACKLES SINFUL SJOERD SKULL
SLALOM SMELTING SNIPE SORBONNE SPARTAN
SQUIRE SRI STULTIFIED SUMMONER SVELTE
SWARTHY SYKES SZENTENDRE TARRAGON
TBLISI TCHERNY TENNYSON THAUMATURGE
TINCTURE TLALOC TOREADOR TREACHEROUS
TSUNAMI TURKEY TWINE TYROLEAN TZARA
UBIQUITOUS UCELLO UDDER UFOLOGY UGRIC
UHLAN UITLANDER UKULELE ULSTER UMBER
UNGUENT UOMO UPLIFT URSINE USURIOUS