

Platforms B&O  
Formerly dry...  
Majestic pony!  
Develop Valencia  
LAWYERS \$2 XO  
Safflower Naan

Dearest creature in creation Studying  
English pronunciation,  
I will teach you in my verse, sounds  
like corpse, corps, horse and worse. I  
will keep you, Susy, busy; Make your  
head with heat grow dizzy. Just  
compare heart, beard and heard; Dies  
and diet, lord and word, Retain &  
Britain. (Mind the latter, how it's  
written). Made has not the sound of  
bade, Say said, pay-paid, laid, but  
plaid. Now I surely will not plague  
you, with such words as vague and

**PANGRAMS**

Nymphs blitz quick vex dwarf jog. DJs flock by when ax quiz prog. Big fjords vex quick waltz nymph. Quick wafting zephyrs vex bold Jim. Jack fox bids ivy-strewn phlegm quiz. Six big devils from Japan quickly forgot how to waltz. Pack my box with five dozen liquor jugs. Sex prof gives back no quiz with mild joy. Sympathizing would fix Quaker objectives. Amazingly few disco-theques provide jukeboxes. Few black taxis drive up major roads on quiet hazy nights. Waxy and quivering, jocks fumble the pizza. Bored? Craving a pub quiz fix? Why, just come to the Royal Oak! Crazy Fredericka bought many very exquisite opal jewels. "Who am taking the ebonics quiz?", the prof jovially axed.

**RUDER SPACING TOP**

bibel malhabile modo biegen people punibile blind qualifier quindi damals quelle dinamica china quelque analiso schaden salomon macchina schein sellier secondo lager sommier singolo legion unique possibile mime unanime unico mohn usuel legge nagel abboner unione puder agir punizione quilen aiglon dunque huldigen allegir quando geduld alliance uomini

**RUDER SPACING BOTTOM**

vertrag crainte screw verwalter croyant science verzicht fratricide sketchy vorrede frivolit story yankee instruction take zwetschge lyre treaty zypresse navette tricycle fraktur nocturne typograph kraft pervertir vanity raffeln presto victory reaktion prevoyant vivacity rekord priority wayward revolte proscrire efficiency tritt raviver without trotzkopf tactility through tyrann arret known

**LOWER CASE**

a) a aah naan abott abduct action admit aeon after again ahoy ajust faker alike logjam an ape aorta aqua arc applejack basketball expatriot autumn gavel awe axe says bedazzle b) b bad dribble ribcage cabdriver bed obfuscate hobgoblins bhindi bicycle

bjorn liebknecht bliss crabmill snubnose boss subpoena subquality brick absolute debt butter obvious bwana subxhosa by jekabzeel c) c cab ecbolic lucca anecdote cedar flicflac marcgravia cheese oscillate acjo chicken cliff acme picnic cobbler pincpinc lacquer crime tropics object cute mechanicville arcticward cx cypriot czech d) d darling db adcraft nodded deep boldface porridge dharma dime django maidkin coddle adman wednesday done dpt. pdq drink kids burkhardt dunes medvedev dwiggins dx dynamoe adzuki e) e easy treble mechanic educate effort ego meh ein applejack lekker eleven empathy end georges pepe eq inquiries estimate adieu ever ewer expert eye bezier f) f famous offbow briefcase halfdressed fey off puffball sgraffito offhand offkey safflower afghan sulphydryl finally fjord kafka fly fm dwarfness for rafpin fq free elfship left doffs lift fun fv halfway fx iffy ufza g) g games bagboy eggcup swingdevil general jugful ghost gift logjam figking glimer ogmane gnosis gonzo bagpipe gq great frogs sgt. guns gv legwork gx gyms zigzag h) h hail hgra hunchback ahchoo baghdad there reproachful sahgun brouhha high mahjong archknave ehler rhythm john horn jodhpur earthquake hrumpf baths right hub ahven hwang hx physic mahzor ovoid hawaii bakerij i) i india iib jiblet chicken minnie if iggy hiho sikh will crimp in olio oedipus piquant shirt island italian xiu civil taiwan pixies riyal grizzled j) j jam jger jb abjurer jc jd djebles jenny jf fjordix gjetost jg jh jiggled fajitas jk jl jm jn joana enjoy basenji jp jq jr alforja outjuts js jt juicing jv jw jinx jy skyjack jz jazz k) k kanguru k kd kentucky kf kg khan kinetic kj klan kmer know kooning kp kq kramer ksenia kt kunis kvala kw kx kyle kz l) l lana l alba palco fold L lex alfie fidalgo alho liz aljezeera filk llano filme ln lock alpe alquimia already falsa l alta l lundulva lwei lawn lx lexie lyon lz m) m mano m ambar mc md men mf mg mh mine mj mk ml mnemonica month empirico mq mr ms m mt mundo mv mw mx my mz n) n nara n nb incontestavel and nelly enfatic english morninho niagara fanja nk nl nm panna notorious np anque nr fans n ant nude envy nw

anxious nyman fanzine o) o oa o obey octopus odile o e oef ofelia ogre oh oigo ojo ok oleg omni onus opportunity oque orense osiris o o otelo o outro ovo oxo oygo ozone p) p pan p pb pc pd p penny pf pg phantome piada pj pk plaza pm pn ponte pp pq prato ps p apto p puglia pv pw px python pz q) q qa q qb qc qd q qe qf qg qh qi qj qk ql qm qn qo qp qq qr qs q qt q quino quando qv qw qx qy qz r) r rato r arbol arco farda r recto arfar argument rhino rita sarja fork arlequim farm arno ron harpa arquitecto farsa r arte ruminar erva rw rye erza s) s santiago s sb scorcese sd s sevilha sf osga shiva siri sj skala slavic smith snob some sputnik esquilo sri passeio s stout s sul sveva swan sx sy sz t) t tara t tb tc td t television tf tg theme tim tj tk tl n toca tp tq trama ts t attico t tulip tva twardoch tx tyrone tz u) u aqua u ubiquitous buck udara u due uffici ugo uh uivo uj uk ulisses uma uno uomo upstairs uq urze uso u o util u sala uu uva uw tux buy uz v) v vania v vb vc vd v vera vf vg vh viscera vj vk vlad vm vn vomero vp vq vr vs v vt v vulgo vv vw vx vydy v z) w wacky w wb wc wd w well awful awg whirl wild wj wk wl wm wn women wp wq wr ws w wt w wu ww wx wynona wz x) x xadrez x xb xc xd x xenofobia xf xg xh ximeno xj xk axl xm xn xote experience xq xr xs x exterior x xuxu xv xw xx xy xz y) y yago y yb lycee cyd y yen yf yg yh ying yj yk yl ym yn yoga yp yq yr ys y yt y yudi yvone yw yx yy yz z) z zaza z zb zc Erzdi zese z zelia putzfrau metzgerei zhaha zizou zj zk zl zmar zn zola izpeg zq zr zs z zt z zulu zv zw zx zy pizza ) ) ath b c d eo a firir g ggerning Var haldsengil r inn knébe jarfall a kalli munú lífi fa mi kl na ar bo or astíg si prú a rar gu s lei togi ma ur au veldliga w x há yr i z ) ) a b c d Straße gro fl chig ma geschneidert gro handel schwer punktm bu ger ma kon fektion gro leistung rei m ller wiederinglied erungs ma nahme urgro onkel gro porig gro rabbiner gro stadroman gro tanker haftverb ung ru verschmiert s w waren branche schwarz wei zeichnung

## UPPERCASE

A) A AAH NAAN ABOIT ABDUCT ACTION ADMIT  
 AEON AFTER AGAIN AHOY AJUST FAKER ALIKE  
 LOGJAM AN APE AORTA AQUA ARC APPLEJACK  
 BASKETBALL EXPATRIOT AUTUMN GAVEL AWE  
 AXE SAYS BEDAZZLE B) B BAD DRIBBLE  
 RIBCAGE CABDRIVER BED OBFUSCATE  
 HOBGOBLINS BHINDI BICYCLE BJORN  
 LIEBKNECHT BLISS CRABMILL SNUBNOSE BOSS  
 SUBPOENA SUBQUALITY BRICK ABSOLUTE  
 DEBT BUTTER OBVIOUS BWANA SUBXHOSA BY  
 JEKABZEEL C) C CAB ECBOLIC LUCCA  
 ANECDOTE CEDAR FLICFLAC MARCGRAVIA  
 CHEESE OSCILLATE ACJO CHICKEN CLIFF ACME  
 PICNIC COBBLER PINCPINC LACQUER CRIME  
 TROPICS OBJECT CUTE MECHANICVILLE  
 ARCTICWARD CX CYPRIOT CZECH D) D  
 DARLING DB ADCRAFT NODDED DEEP  
 BOLDFACE PORRIDGE DHARMA DIME DJANGO  
 MAIDKIN CODDLE ADMAN WEDNESDAY DONE  
 DPT. PDQ DRINK KIDS BURKHARDT DUNES  
 MEDVEDEV DWIGGINS DX DYNAMOE ADZUKI  
 E) E EASY TREBLE MECHANIC EDUCATE EFFORT  
 EGO MEH EIN APPLEJACK LEKKER ELEVEN  
 EMPATHY END GEORGES PEPE EQ INQUIRIES  
 ESTIMATE ADIEU EVER EWER EXPERT EYE  
 BEZIER F) F FAMOUS OFFBOW BRIEFCASE  
 HALFDRESSED FEY OFF PUFFBALL SGRAFFITO  
 OFFHAND OFFKEY SAFFLOWER AFGHAN  
 SULFHYDRYL FINALLY FJORD KAFKA FLY FM  
 DWARFNESS FOR RAFFIN FQ FREE ELFSHIP  
 LEFT DOFFS LIFT FUN FV HALFWAY FX IFFY  
 UFZA G) G GAMES BAGBOY EGGCUP  
 SWINGDEVIL GENERAL JUGFUL GHOST GIFT  
 LOGJAM FIGKING GLIMER OGMANE GNOSIS  
 GONZO BAGPIPE GQ GREAT FROGS SGT. GUNS  
 GV LEGWORK GX GYMS ZIGZAG H) H HAIL  
 HGRA HUNCHBACK AHCHOO BAGHDAD  
 THERE REPROACHFUL SAHGUM BROUHHA  
 HIGH MAHJONG ARCHKNAVE EHLEH RHYTHM  
 JOHN HORN JODHPUR EARTHQUAKE HRUMPF  
 BATHS RIGHT HUB AHVEN HWANG HX PHYSIC  
 MAHZOR OVOID HAWAII BAKERIJ I) I INDIA I  
 JIBLET CHICKEN MINNIE IF IGGY HIHO SIKH

WILL CRIMP IN OLIO OEDIPUS PIQUANT SHIRT  
 ISLAND ITALIAN XIU CIVIL TAIWAN PIXIES  
 RIYAL GRIZZLED J) J JAM JGER JB ABJURER JC  
 JD DJEBLES JENNY JF FJORDIX GJETOST JG JH  
 JIGGLED FAJITAS JK JL JM JN JOANA ENJOY  
 BASENJI JP JQ JR ALFORJA OUTJUTS JS JT  
 JUICING JV JW JINX JY SKYJACK JZ JAZZ K) K  
 KANGURU K KD KENTUCKY KF KG KHAN  
 KINETIC KJ KLAN KMER KNOW KOONING KP KQ  
 KRAMER KSENIA KT KUNIS KVALA KW KX KYLE  
 KZ L) L LANA L ALBA PALCO FOLD L LEX  
 ALFIE FIDALGO ALHO LIZ ALJEZEERA FILK  
 LLANO FILME LN LOCK ALPE ALQUIMIA  
 ALREADY FALSA LSS ALTA L LUNDI ULVA LWEI  
 LAWN LX LEXIE LYON LZ M) M MANO M  
 AMBAR MC MD MEN MF MG MH MINE MJ MK  
 ML MNEMONICA MONTH EMPIRICO MQ MR MS  
 MSS MT MUNDO MV MW MX MY MZ N) N NARA  
 N NB INCONTESTAVEL AND NELLY ENFATIC  
 ENGLISH MORNINHO NIAGARA FANJA NK NL  
 NM PANNA NOTORIOUS NP ANQUE NR FANS  
 NSS ANT NUDE ENVY NW ANXIOUS NYMAN  
 FANZINE O) O OA O OBEY OCTOPUS ODILE  
 OE E OEF OFELIA OGRE OH OIGO OJO OK OLEG  
 OMNI ONUS OPPORTUNITY OQUE ORENSE  
 OSIRIS OSSO OTELO O OUTRO OVO OXO OYGO  
 OZONE P) P PAN P PB PC PD P PENNY PF PG  
 PHANTOME PIADA PJ PK PLAZA PM PN PONTE  
 PP PQ PRATO PS PSS APTO P PUGLIA PV PW PX  
 PYTHON PZ Q) Q QA Q QB QC QD Q QE QF QG  
 QH QI QJ QK QL QM QN QO QP QQ QR QS QSS  
 QT Q QUINO QUANDO QV QW QX QY QZ R) R  
 RATO R ARBOL ARCO FARDA R RECTO ARFAR  
 ARGUMENT RHINO RITA SARJA FORK  
 ARLEQUIM FARM ARNO RON HARPA  
 ARQUITECTO FARSA RSS ARTE RUMINAR ERVA  
 RW RYE ERZA S) S SANTIAGO S SB SCORCESE  
 SD S SEVILHA SF OSGA SHIVA SIRI SJ SKALA  
 SLAVIC SMITH SNOB SOME SPUTNIK ESQUILO  
 SRI PASSEIO SSS STOUT S SUL SVEVA SWAN SX  
 SY SZ T) T TARA T TB TC TD T TELEVISION TF  
 TG THEME TIM TJ TK TL T N TOCA TP TQ  
 TRAMA TS TSS ATTICO T TULIP TVA  
 TWARDUCH TX TYRONE TZ U) U AQUA U  
 UBIQUITOUS BUCK UDARA U DUE UFFICI UGO

UH UIVO UJ UK ULISSES UMA UNO UOMO  
 UPSTAIRS UQ URZE USO USSO UTIL U SALA UU  
 UVA UW TUX BUY UZ V) V VANIA V VB VC VD  
 V VERA VF VG VH VISCERA VJ VK VLAD VM VN  
 VOMERO VP VQ VR VS VSS VT V VULGO VV VW  
 VX VYDYA VZ W) W WACKY W WB WC WD W  
 WELL AWFUL AWG WHIRL WILD WJ WK WL  
 WM WN WOMEN WP WQ WR WS WSS WT W  
 WU WV WW WX WYNONA WZ

X)X XADREZ X XB XC XD X XENOFobia XF XG  
 XH XIMENO XJ XK AXL XM XN XOTE  
 EXPERIENCE XQ XR XS XSS EXTERIOR X XUXU  
 XV XW XX XY XZ Y) Y YAGO Y YB LYCEE CYD Y  
 YEN YF YG YH YING YJ YK YL YM YN YOGA YP YQ  
 YR YS YSS YT Y YUDI YVONE YW YX YY YZ

Z) Z ZAZA Z ZB ZC ERZDI ZESE Z ZELIA  
 PUTZFRAU METZGEREI ZHAHA ZIZOU ZJ ZK ZL  
 ZMAR ZN ZOLA IZPEG ZQ ZR ZS ZSS ZT Z ZULU  
 ZV ZW ZX ZY PIZZA ) ) HATH B C D E O  
 A FIRIR G GERNING VAR HALDSENGIL  
 R INN KNÉBE JARFALL A KALLI MUNÚ LÍFI  
 FA MI KL NA AR BO OR ASTÍG SI PRÚ  
 A RAR GU S LEI TOGI MA UR AU VELDLIGA  
 W X HÁ YR I Z

## LOWER CASE MIXED

all alike ape naan aorta aqua ahoy abduct! applejack  
 ahven maalaaja bill dribble db bicycle cobbler  
 bhindi bless basketball bomb offbow baby crab  
 capital lucca? chicken crimp coal civil cylon coccyx  
 locked dog dance doom drive do nodded coddle  
 mad Baghdad bhindi medvedev easy seem end early  
 ein estuary every expatriot eleven ten fab fool  
 jiffy safflower. halfway off! half? go ogmane great  
 guns gavel gnostic grizzled aggroupment noggin  
 fag hg ghent head oh physic hysteria hoops hawaii  
 high mechanic baghdad jherry pitch ghost in india  
 nine initial inquiries skiing hawaii aggressive  
 bhindi jesting oj object jerk jherry jiblet jinx  
 applejack hajji cujo objectbakerij jp pj logjam kelly  
 skeet faker knock kill kwak lekker kumquat klutz  
 villkkuva oklahoma lame lilly albert lye oscillate silly  
 basketball laboe lb. leslie lhihane llama lorrie lt.  
 lucy lyle loose lima lyle long massive empty moon

men mill mylar minimum madeira mechanic mg.  
 minnie morrie music my nonstop on under not  
 sinner kin nellie nillie novocane null nyack nixon  
 no nibble nancy nonsense corner pneumonia oak  
 for hot oscillate over monster yodel wonder odd  
 oedipus off ogmane ohio oil oj oklahoma olio omni  
 only oops opera oqu order ostra ottmar out ovum  
 ow ox oyster oz oppipoika papa! open dimple nipple  
 pillow pixies pool print apnea parade pd. pepe  
 pfister pg. phil pippi pj please pneumonia porridge  
 price psalm pt. purple pv pw pyre quite equivoque  
 aqua quick piquant qt queen tranq quarter coquet  
 radio ribs rwanada red carry sorrow corner rooibos  
 rhea right rj roche rural rwanada ryder sniff soup  
 says kisses stop massive sacrifice series sgraffito  
 shirt sister skeet slow smore snoop soon special  
 kassi vatsakas gro<sup>ß</sup> wei<sup>ß</sup> au<sup>ß</sup> enstra<sup>ße</sup> drei<sup>ß</sup>ig uz<sup>ß</sup>ai  
 teach little github mitten total title teach left there  
 trust tsena tulip twice tyler tzean mittle tropics up  
 uvula ultravacuum munches uxurious. quorum put  
 sou jugful pun uomini muuttua various savvy vyllor  
 vinyl very vagrant chivvy ville saved vilkkuva water  
 cowboy lawyer woman will well who www. wyler  
 write kew what where why when x-ray fix mixer  
 sexy xerox xylophone jinx? xoom xavier ox xi year  
 skylark mylar skytrain yellow yip yodel yacht buyer  
 they sayyid ypsilant yu fey yucky yquem ygrec zinc  
 palzy pizza bedazzle zion zero zipper quiz abuzz zed  
 zarzuela zaftig klutz cambridge royal queen majesty  
 phil treble are apple absolute acronym aorta askew  
 agent adjustable! asterisk azure aluminum autumn  
 afternoon agj abracadabra big badger box backpack  
 basket bezier brashest coda chuck clamor cedar  
 dank dvorak democracy? dharma drought  
 expensive echo evict. effort ephemera eggs ebbeey  
 equalize eyed foreign flavors fugue fruity fissure fax  
 facts fudgy grand ghost goblin gentleman hitter  
 hell hungry infamous igloo impish inundate...  
 incorporate january jump! kleptomaniac khaki kick  
 kalisthenics koran knocker lava lost loft lexicon lull  
 light lazy llama lacquer lawyer mafia mens maxi  
 minimum notorious nix neen never google opera?  
 orca ossify once optimum out ozone prancing poor  
 poetry pledge panacea qatar quit quorum query  
 rand rift ribcage readable romance rhone ryan

shylock size salty sea squash softist stipple  
 saxophone summer the taxonomy? trip tot toddler  
 thug their trombone. trampoline, typography;  
 umbrella! update used ulcer uxorious umpire  
 uproar vick valerie vladimir vagabond vera voodoo  
 white wavy? waxy waffle wholesome winter  
 wrapper weight werewolf xray xiu yessir you yippee  
 yoyo zoo zigzag zoology zany zucchini lynx tuft  
 frogs, pdq dolphins abduct by proxy the ever  
 awkward tvt klutz, dud, dummkopf, jinx snubnose  
 filmgoer, orphan sgt. renfruw grudgek reyfus, md.  
 sikh psych if halt tympany jewelry sri heh! twyer vs  
 jojo pneu fylfot alcaaba son of nonplussed halfbreed  
 bubbly playboy guggenheim daddy? coccyx  
 sgraffito effect, vacuum dirndle impossible attempt  
 to disvalue, muzzle the afghan; czech, czar, and  
 exninja, bob bixby dvorak wood dhurrie savvy, dizzy  
 eye aeon circumcison uvula scrungy picnic  
 luxurious special type carbohydrate ovoid adzuki  
 kumquat bomb? afterglows gold girl pygmy what  
 gnome lb. ankhs acme aggroupment akmed?  
 brouhha! tv wt. ujjain ms. oz. hi abacus mnemonics  
 bhikku khaki bwana aorta embolism vivid owls  
 often kvetch otherwise, wysiwyg densfort at wright  
 you love absorbed rhythm, put obstacle kyaks krieg  
 kern wurst subject enmity equity coquet quorum  
 pique how tzetse hepzibah? sulfhydryl briefcase!  
 ajax ehler kafka fjord elfship halfdressed jugful!  
 eggcup hummingbirds? where swingdevil bagpipe  
 legwork reproachful hunchback archknave baghdad  
 wejh rijswijk rajbansi rajput ajdir okay weekday  
 obfuscate subpoena liebknecht marcgravia ecboic  
 arcticward dickcissel pincpinc boldface maidkin  
 adjective adcraft adman dwarfness applejack  
 darkbrown kiln palzy always farmland flimflam  
 unbossey nonlineal stepbrother lapdog stopgap sx  
 countdown basketball beaujolais vb. flowchart aztec  
 lazy bozo syrup tarzan annoying dyke yucky hawg  
 gagzhukz cuzco squire when hiho mayhem  
 nietzsche szasz gumdrop milk emplotment  
 ambidextrously lacquer byway ecclesiastes  
 stubchen hobgoblins crabmill aqua hawaii blvd.  
 subquality byzantine empire debt obvious cervantes  
 jekabzeel anecdote flicflac mechanicville bedbug  
 couldn't dpt. headquarter burkhardt xerxes atkins

govt. ebenezer lg. lhama amtrak amway fixity  
 axmen quumbabba upjohn hrumpf

## INITIAL CAPS

All Alike Ape Naan Aorta Aqua Ahoy Abduct  
 Applejack Ahven Maalaaja Bill Dribble Db Bicycle  
 Cobbler Bhindi Bless Basketball Bomb Offbow Baby  
 Crab Capital Lucca Chicken Crimp Coal Civil Cylon  
 Coccyx Locked Dog Dance Doom Drive Do Nodded  
 Coddle Mad Baghdad Bhindi Medvedev Easy Seem  
 End Early Ein Estuary Every Expatriot Eleven Ten  
 Fab Fill Fool Jiffy Safflower Halfway Off! Half? Go  
 Ogmane Great Guns Gavel Gnostic Grizzled  
 Aggroupment Noggin Fag Hg Ghent Head Oh  
 Physic Hysteria Hoops Hawaii High Mechanic  
 Baghdad Jherry Pitch Ghost In India Nine Initial  
 Inquiries Skiing Hawaii Aggressive Bhindi Jestng  
 Oj Object Jerk Jherry Jiblet Jinx Applejack Hajji Cujo  
 Objectbakerij Jp Pj Logjam Kelly Skeet Faker Knock  
 Kill Kwak Lekker Kumquat Klutz Vilkkuva  
 Oklahoma Lame Lilly Albert Lye Oscillate Silly  
 Basketball Laboe Lb. Leslie Lhihane Llama Lorrie  
 Lt. Lucy Lyle Loose Lima Lyle Long Massive Empty  
 Moon Men Mill Mylar Minimum Madeira Mechanic  
 Mg. Minnie Morrie Music My Nonstop On Under  
 Not Sinner Kin Nellie Nillie Novocane Null Nyack  
 Nixon No Nibble Nancy Nonsense Corner  
 Pneumonia Oak For Hot Oscillate Over Monster  
 Yodel Wonder Odd Oedipus Off Ogmane Ohio Oil  
 Oj Oklahoma Olio Omni Only Oops Opera Oqu  
 Order Ostra Ottmar Out Ovum Ow Ox Oyster Oz  
 Oppipoika Papa Open Dimple Nipple Pillow Pixies  
 Pool Print Apnea Parade Pd. Pepe Pfister Pg. Phil  
 Pippi Pj Please Pneumonia Porridge Price Psalm Pt.  
 Purple Pv Pw Pyre Quite Equivoque Aqua Quick  
 Piquant Qt Queen Tranq Quarter Coquet Radio Ribs  
 Rwanda Red Carry Sorrow Corner Rooibos Rhea  
 Right Rj Roche Rural Rwanda Ryder Sniff Soup Says  
 Kisses Stop Massive Sacrifice Series Sgraffito Shirt  
 Sister Skeet Slow Smore Snoop Soon Special Kassi  
 Vatsakas Gro<sup>ß</sup> Wei<sup>ß</sup> Au<sup>ß</sup> Enstra<sup>ße</sup> Drei<sup>ß</sup>ig Uz<sup>ß</sup>ai  
 Teach Little Github Mitten Total Title Teach Left  
 There Trust Tsena Tulip Twice Tyler Tzean Mittle  
 Tropics Up Uvula Ultravacuum Munches Uxurious

Quorum Put Sou Jugful Pun Uomini Muuttua  
 Various Savvy Vyllor Vinyl Very Vagrant Chivvy  
 Ville Saved Vilkkuva Water Cowboy Lawyer Woman  
 Will Well Who Www. Wyler Write Kew What  
 Where Why When X-Ray Fix Mixer Sexy Xerox  
 Xylophone Jinx Xoom Xavier Ox Xi Year Skylark  
 Mylar Skytrain Yellow Yip Yodel Yacht Buyer They  
 Sayyid Ypsilant Yu Fey Yucky Yquem Ygrec Zinc  
 Palzy Pizza Bedazzle Zion Zero Zipper Quiz Abuzz  
 Zed Zarzuela Zaftig Klutz David Kindersley  
 Cambridge Royal Queen Majesty Are Apple  
 Absolute Acronym Aorta Askew Agent Adjustable  
 Asterisk Azure Aluminum Autumn Afternoon Agj  
 Abracadabra Big Badger Box Backpack Basket  
 Bezier Brashest Coda Chuck Clamor Cedar Dank  
 Dvorak Democracy Dharma Drought Expensive  
 Echo Evict Effort Ephemera Eggs Ebbey Equalize  
 Eyed Foreign Flavors Fugue Fruity Fissure Fax Facts  
 Fudgy Grand Ghost Goblin Gentleman Hitter Hell  
 Hungry Infamous Igloo Impish Inundate  
 Incorporate January Jump Kleptomaniac Khaki Kick  
 Kalisthenics Koran Knocker Lava Lost Loft Lexicon  
 Lull Light Lazy Llama Lacquer Lawyer Mafia Mens  
 Maxi Minimum Notorious Nix Neen Never Google  
 Opera Orca Ossify Once Optimum Out Ozone  
 Prancing Poor Poetry Pledge Panacea Qatar Quit  
 Quorum Query Rand Rift Ribcage Readable  
 Romance Rhone Ryan Shylock Size Salty Sea  
 Squash Softist Stipple Saxophone Summer  
 Taxonomy Trip Tot Toddler Thug Their Trombone  
 Trampoline Typography Umbrella Update Used  
 Ulcer Uxorious Umpire Uproar Vick Valerie  
 Vladimir Vagabond Vera Voodoo White Wavy Waxy  
 Waffle Wholesome Winter Wrapper Weight  
 Werewolf Xray Xiu Yessir You Yippee Yoyo Zoo  
 Zigzag Zoology Zany Zucchini Aaron Abraham  
 Adam Aeneas Agfa Ahoy Aileen Akbar Alanon  
 Americanism Anglican Aorta April Fool Day Aqua  
 Lung (Tm.) Arabic Ash Wednesday Authorized  
 Version Ave Maria Away Axel Ay Aztec Bhutan Bill  
 Bjorn Bk Btu. Bvart Bzonga California Cb Cd  
 Cervantes Chicago Clute City, Tx. Cmdr. Cnossus  
 Coco Cracker State, Georgia Cs Ct. Cwacker Cyrano  
 David Debra Dharma Diane Djakarta Dm Dnepr  
 Doris Dudley Dwayne Dylan Dzerzhinsk Eames

Ectomorph Eden Eerie Effingham, Il. Egypt Eiffel  
 Tower Eject Ekland Elmore Entreaty Eolian Epstein  
 Equine Erasmus Eskimo Ethiopia Europe Eva Ewan  
 Exodus Jan van Eyck Ezra Fabian February Fhara  
 Fifi Fjord Florida Fm France Fs Ft. Fury Fyn Gabriel  
 Gc Gdynia Gehrig Ghana Gilligan Karl Gjellerup  
 Gk. Glen Gm Gnosis Gp.E. Gregory Gs Gt. Br.  
 Guinevere Gwathmey Gypsy Gzags Hebrew Hf Hg  
 Hileah Horace Hrdlicka Hsia Hts. Hubert Hwang  
 Hai Hyacinth Hz. Iaccoca Ibsen Iceland Idaho If  
 Iggy Ihre Ijit Ike Iliad Immediate Innocent Ione  
 Ipswitch Iquarus Ireland Island It Iud Ivert Iwerks  
 Ixnay Iy Jasper Jenks Jherry Jill Jm Jn Jorge Jr. Julie  
 Kerry Kharma Kiki. Klear Koko Kruse Kusack Kylie  
 Laboe Lbs. Leslie Lhihane ¿Llama? Lorrie, Lt. ¡Lucy-  
 Lyle! Madeira. Mechanic Mg. Minnie Morrie Mr.  
 Ms. Mt. Music My Nanny Nellie Nillie Novocane  
 Null Nyack Oak. Oblique Occarina Odd Oedipus Off  
 Ogmene Ohio Oil Oj Oklahoma Olio Omni Only  
 Oops Opera Oqu Order Ostra Ottmar Out Ovum  
 Ow Ox Oyster Oz Parade Rd. Pepe Pfister Pg. Phil  
 Pippi Pj Please Pneumonia Porridge Price Psalm Pt.  
 Purple Pv Pw Pyre Qt. Quincy Radio Red Rhea Right  
 Rj Roche Rr Rs Rt. Rural Rwanda Ryder Sacrifice  
 Series Sgraffito Shirt Sister Skeet Slow Smore  
 Snoop Soon Special Squire Sr St. Suzy Svelte Swiss  
 Sy Szach Td Teach There Title Total Trust Tsena  
 Tulip Twice Tyler Tzean Ua Udder Ue Uf Ugh Uh Ui  
 Uk Ul Um Unkempt Uo Up Uq Ursula Use Utmost  
 Uvula Uw Uxurious Uz Valerie Velour Vh Vicky  
 Volvo Vs Water Were Where With World Wt. Wulk  
 Wyler Xavier Xerox Xi Xylophone Yaboe Yipes Yo  
 Ypsilant Ys Yo-Yo Zabar

## UPPER CASE

ALL ALIKE APE NAAN AORTA AQUA AHOY  
 ABDUCT APPLEJACK AHVEN MAALAAJA BILL  
 DRIBBLE DB BICYCLE COBBLER BHINDI BLESS  
 BASKETBALL BOMB OFFBOW BABY CRAB  
 CAPITAL LUCCA CHICKEN CRIMP COAL CIVIL  
 CYLON COCCYX LOCKED DOG DANCE DOOM  
 DRIVE DO NODDED CODDLE MAD BAGHDAD  
 BHINDI MEDVEDEV EASY SEEM END EARLY EIN  
 ESTUARY EVERY EXPATRIOT ELEVEN TEN FAB

FILL FOOL JIFFY SAFFLOWER HALFWAY OFFF!  
 HALF?GO OGMANE GREAT GUNS GAVEL  
 GHOSTIC GRIZZLED AGGROUPEMENT NOGGIN  
 FAG HG GHENT HEAD OH PHYSIC HYSTERIA  
 HOOPS HAWAII HIGH MECHANIC BAGHDAD  
 JHERRY PITCH GHOST IN INDIA NINE INITIAL  
 INQUIRIES SKIING HAWAII AGGRESSIVE  
 BHINDI JESTING OJ OBJECT JERK JHERRY JIBLET  
 JINX APPLEJACK HAJJI CUJO OBJECT BAKERIJ JP  
 PJ LOGJAM KELLY SKEET FAKER KNOCK KILL  
 KWAK LEKKER KUMQUAT KLUTZ VILKKUVA  
 OKLAHOMA LAME LILLY ALBERT LYE  
 OSCILLATE SILLY BASKETBALL LABOE LB.  
 LESLIE LHIHANE LLAMA LORRIE LT. LUCY LYLE  
 LOOSE LIMA LYLE LONG MASSIVE EMPTY  
 MOON MEN MILL MYLAR MINIMUM MADEIRA  
 MECHANIC MG. MINNIE MORRIE MUSIC MY  
 NONSTOP ON UNDER NOT SINNER KIN NELLIE  
 NILLIE NOVOCANE NULL NYACK NIXON NO  
 NIBBLE NANCY NONSENSE CORNER  
 PNEUMONIA OAK FOR HOT OSCILLATE OVER  
 MONSTER YODEL WONDER ODD OEDIPUS OFF  
 OGMANE OHIO OIL OJ OKLAHOMA OLIO OMNI  
 ONLY OOPS OPERA OQU ORDER OSTRALIA  
 OTTMAR OUT OVUM OW OX OYSTER OZ  
 OPPIPOIKA PAPA OPEN DIMPLE NIPPLE PILLOW  
 PIXIES POOL PRINT APNEA PARADE PD. PEPE  
 PFISTER PG. PHIL PIPPI PJ PLEASE PNEUMONIA  
 PORRIDGE PRICE PSALM PT. PURPLE PV PW  
 PYRE QUITE EQUIVOQUE AQUA QUICK  
 PIQUANT QT QUEEN TRANQ QUARTER COQUET  
 RADIO RIBS RWANDA RED CARRY SORROW  
 CORNER ROOIBOS RHEA RIGHT RJ ROCHE  
 RURAL RWANDA RYDER SNIFF SOUP SAYS  
 KISSES STOP MASSIVE FUSSBALL GROSSE  
 STOSSSEUFZER WEISSE SACRIFICE SERIES  
 SGRAFFITO SHIRT SISTER SKEET SLOW SMORE  
 SNOOP SOON SPECIAL KASSI VATSAKAS GROSS  
 WEISS AUSS ENSTRASSE DREISSIG UZSSAI  
 GROE TEACH LITTLE GITHUB MITTEN TOTAL  
 TITLE TEACH LEFT THERE TRUST TSENA TULIP  
 TWICE TYLER TZEAN MITTLE TROPICS UP  
 UVULA ULTRAVACUUM MUNCHES UXURIOUS  
 QUORUM PUT SOU JUGFUL PUN UOMINI  
 MUUTTUA VARIOUS SAVVY VYLLOR VINYL VERY

VAGRANT CHIVVY VILLE SAVED VILKKUVA  
 WATER COWBOY LAWYER WOMAN WILL WELL  
 WHO WWW. WYLER WRITE KEW WHAT  
 WHERE WHY WHEN X-RAY FIX MIXER SEXY  
 XEROX XYLOPHONE JINX XOOM XAVIER OX XI  
 YEAR SKYLARK MYLAR SKYTRAIN YELLOW YIP  
 YODEL YACHT BUYER THEY SAYIID YPSILANT  
 YU FEY YUCKY YQUEM YGREC ZINC PALZY  
 PIZZA BEDAZZLE ZION ZERO ZIPPER QUIZ  
 ABUZZ ZED ZARZUELA ZAFTIG KLUTZARE  
 APPLE ABSOLUTE ACRONYM AORTA ASKEW  
 AGENT ADJUSTABLE ASTERISK AZURE  
 ALUMINUM AUTUMN AFTERNOON AGJ  
 ABRACADABRA BIG BADGER BOX BACKPACK  
 BASKET BEZIER BRASHEST CARDOZO DAVID  
 PRINCESS CODA CHUCK CLAMOR CEDAR DANK  
 DVORAK DEMOCRACY DHARMA DROUGHT  
 EBEN EXPENSIVE ECHO EVICT EFFORT  
 EPHEMERA EGGS EBBEY EQUALIZE EYED  
 FOREIGN FLAVORS FUGUE FRUITY FISSURE FAX  
 FACTS FUDGY GRAND GHOST GOBLIN  
 GENTLEMAN HITTER HELL HUNGRY INFAMOUS  
 IGLOO IMPISH INUNDATE INCORPORATE  
 JANUARY JUMP KLEPTOMANIC KHAKI KICK  
 KALISTHENICS KORAN KNOCKER LAVA LIDA  
 LOST LOFT LEXICON LULL LIGHT LAZY LLAMA  
 LACQUER LAWYER MAFIA MENS MAXI  
 MINIMUM NOTORIOUS NIX NEEN NEVER  
 GOOGLE OPERA ORCA OSSIFY ONCE OPTIMUM  
 OUT OZONE PRANCING POOR POETRY PLEDGE  
 PANACEA QATAR QUIT QUORUM QUERY RAND  
 RIFT RIBCAGE READABLE ROMANCE RHONE  
 RYAN SHYLOCK SIZE SALTY SEA SQUASH  
 SOFTIST STIPPLE SAXAPHONE SUMMER  
 TAXONOMY TRIP TOT TODDLER THUG THEIR  
 TROMBONE TRAMPOLINE TYPOGRAPHY  
 UMBRELLA UPDATE USED ULCER UXORIOUS  
 UMPIRE UPROAR VICK VALERIE VLADIMIR  
 VAGABOND VERA VODOO WHITE WAVY  
 WAXY WAFFLE WHOLESOME WINTER  
 WRAPPER WEIGHT WEREWOLF XRAY XIU  
 YESSIR YOU YIPPEE YOYO ZOO ZIGZAG  
 ZOOLOGY ZANY ZUCCHINI AARON ABRAHAM  
 ADAM AENEAS AGFA AHOY AILEEN AKBAR  
 ALANON AMERICANISM ANGLICAN AORTA

APRIL FOOL'S DAY AQUA LUNG ARABIC ASH  
 WEDNESDAY AUTHORIZED VERSION AVE  
 MARIA AWAY AXEL AY AZTEC BHUTAN BILL  
 BJORN BK BTU. BVART BZONGA CALIFORNIA CB  
 CD CERVANTES CHICAGO CLUTE CITY, TX.  
 CMDR. CNOSSUS COCO CRACKER STATE,  
 GEORGIA CS CT. CWACKER CYRANO DAVID  
 DEBRA DHARMA DIANE DJAKARTA DM DNEPR  
 DORIS DUDLEY DWAYNE DYLAN DZERZHINSK  
 EAMES ECTOMORPH EDEN EERIE EFFINGHAM,  
 IL. EGYPT EIFFEL TOWER EJECT EKLAND  
 ELMORE ENTREATY EOLIAN EPSTEIN EQUINE  
 ERASMUS ESKIMO ETHIOPIA EUROPE EVA  
 EWAN EXODUS JAN VAN EYCK EZRA FABIAN  
 FEBRUARY FHARA FIFI FJORD FLORIDA FM  
 FRANCE FS FT. FURY FYN GABRIEL GC GDYNIA  
 GEHRIG GHANA GILLIGAN KARL GJELLERUP  
 GK. GLEN GM GNOSIS GP.E. GREGORY GS GT.  
 BR. GUINEVERE GWATHMEY GYPSY GZAGS  
 HEBREW HF HG HILEAH HORACE HRDLICKA  
 HSIA HTS. HUBERT HWANG HAI HYACINTH HZ.  
 IACCOCA IBSEN ICELAND IDAHO IF IGGY IHRE  
 IJIT IKE ILIAD IMMEDIATE INNOCENT IONE  
 IPSWITCH IQUARUS IRELAND ISLAND IT IUD  
 IVERT IWERKS IXNAY IY JASPER JENKS JHERRY  
 JILL JM JN JORGE JR. JULIE KERRY KHARMA KIKI  
 KLEAR KOKO KRUSE KUSACK KYLIE LABOE LB.  
 LESLIE LHIHANE LLAMA LORRIE LT. LUCY LYLE  
 MADEIRA MECHANIC MG. MINNIE MORRIE MR.  
 MS. MT. MUSIC MY NANNY NELLIE NILLIE  
 NOVOCANE NULL NYACK OAK OBLIQUE  
 OCCARINA ODD OEDIPUS OFF OGMANE OHIO  
 OIL OJ OKLAHOMA OLIO OMNI ONLY OOPS  
 OPERA OQU ORDER OSTRA OTTMAR OUT OVUM  
 OW OX OYSTER OZ PARADE PD. PEPE PFISTER  
 PG. PHIL PIPPI PJ PLEASE PNEUMONIA  
 PORRIDGE PRICE PSALM PT. PURPLE PV PW  
 PYRE QT. QUINCY RADIO RD. RED RHEA RIGHT  
 RJ ROCHE RR RS RT. RURAL RWANDA RYDER  
 SACRIFICE SERIES SGRAFFITO SHIRT SISTER  
 SKEET SLOW SMORE SNOOP SOON SORKIN  
 SPECIAL SQUIRE SR ST. SUZY SVELTE SWISS SY  
 SZACH TD TEACH THERE TITLE TOTAL TRUST  
 TSENA TULIP TWICE TYLER TZEAN UA UDDER  
 UE UF UGH UH UI UK UL UM UNKEMPT UO UP

UQ URSULA USE UTMOST UVULA UW  
 UXURIOUS UZAI VALERIE VELOUR VH VICKY  
 VOLVO VS WATER WERE WHERE WITH WORLD  
 WT. WULK WYLER XAVIER XEROX XI  
 XYLOPHONE YABOE YEAR YIPES YO YPSILANT  
 YS YU ZABAR LYNX TUFT FROGS, DOLPHINS  
 ABDUCT BY PROXY THE EVER AWKWARD  
 KLUTZ, DUD, DUMMKOPF, JINX SNUBNOSE  
 FILMGOER, ORPHAN SGT. RENFRUW GRUDGEK  
 REYFUS, MD. SIKH PSYCH IF HALT TYMPANY  
 JEWELRY SRI HEH! TWYER VS JOJO PNEU  
 FYLFOT ALCAABA SON OF NONPLUSSED  
 HALFBREED BUBBLY PLAYBOY GUGGENHEIM  
 DADDY COCCYX SGRAFFITO EFFECT, VACUUM  
 DIRNDLE IMPOSSIBLE ATTEMPT TO DISVALUE,  
 MUZZLE THE AFGHAN CZECH CZAR AND  
 EXNINJA, BOB BIXBY DVORAK WOOD DHURRIE  
 SAVVY, DIZZY EYE AEON CIRCUMCISION UVULA  
 SCRUNGY PICNIC LUXURIOUS SPECIAL TYPE  
 CARBOHYDRATE OVOID ADZUKI KUMQUAT  
 BOMB? AFTERGLOWS GOLD GIRL PYGMY  
 GNOME LB. ANKHS ACME AGGROUPEMENT  
 AKMED BROUHHA TV WT. UJJAIN MS. OZ  
 ABACUS MNEMONICS BHIKKU KHAKI BWANA  
 AORTA EMBOLISM VIVID OWLS OFTEN KVETCH  
 OTHERWISE, WYSIWYG DENSFORT WRIGHT  
 YOU ABSORBED RHYTHM, PUT OBSTACLE  
 KYAKS KRIEG KERN WURST SUBJECT ENMITY  
 EQUITY COQUET QUORUM PIQUE TZETSE  
 HEPZIBAH SULFHYDRYL BRIEFCASE AJAX  
 EHLE KAFKA FJORD ELFSHIP HALFDRESSED  
 JUGFUL EGGCUP HUMMINGBIRDS SWINGDEVIL  
 BAGPIPE LEGWORK REPROACHFUL  
 HUNCHBACK ARCHKNAVE BAGHDAD WEJH  
 RIJSWIJK RAJBANSI RAJPUT AJDIR OKAY  
 WEEKDAY OBFUSCATE SUBPOENA LIEBKNECHT  
 MARCGRAVIA ECBOLIC ARCTICWARD  
 DICKCISSEL PINCPINC BOLDFACE MAIDKIN  
 ADJECTIVE ADCRAFT ADMAN DWARFNESS  
 APPLEJACK DARKBROWN KILN PALZY ALWAYS  
 FARMLAND FLIMFLAM UNBOSSY NONLINEAL  
 STEPBROTHER LAPDOG STOPGAP SX  
 COUNTDOWN BASKETBALL BEAUJOLAIS VB.  
 FLOWCHART AZTEC LAZY BOZO SYRUP TARZAN  
 ANNOYING DYKE YUCKY HAWG GAGZHUKZ

CUZCO SQUIRE WHEN HIHO MAYHEM  
 NIETZSCHE SZASZ GUMDROP MILK  
 EMPLOTMENT AMBIDEXTROUSLY LACQUER  
 BYWAY ECCLESIASTES STUBCHEN  
 HOBGOBLINS CRABMILL AQUA HAWAII BLVD.  
 SUBQUALITY BYZANTINE EMPIRE DEBT  
 OBVIOUS CERVANTES JEKABZEEL ANECDOTE  
 FLICFLAC MECHANICVILLE BEDBUG COULDN  
 DPT. HEADQUARTER BURKHARDT XERXES  
 ATKINS GOVT. EBENEZER LG. LHAMA AMTRAK  
 AMWAY FIXITY AXMEN QUUMBABDA UPJOHN  
 HRUMPF BBC NASA UK NME KINDERSLEY  
 CAMBRIDGE ROYAL QUEEN MAJESTY

**CONCISE DOUBLES**

Haas Nibble Lucca Riddle Neem Safflower Haggard  
 Hochhaus Liert Ujjak Lekker Mills Bomme  
 Mannen Voodoo Sjörret Rappe (no double q)  
 Terror Kassa Little Bastuugn Halvveis Glowworm  
 Zaxxon Pyynikki Fuzz AARDVARK NIBBLE LUCCA  
 RIDDLE NEEM SAFFLOWER HAGGARD  
 HOCHHAUS LIERT UJJAK LEKKER MILLS  
 BOMME MANNEN VOODOO SJÖRRET RAPPE  
 TERROR KASSA LITTLE BASTUUGN HALVVEIS  
 GLOWWORM ZAXXON PYYNIKKI FUZZ

**US STATES AND TERRITORIES**

AL AK AZ AR CA CO CT DE FL GA GU HI ID IL IN  
 IA KS KY LA ME MD MA MI MN MS MO MT NE  
 NV NH NJ NM NY NC ND OH OK OR PA PR RI SC  
 SD TN TX UT VT VI VA WA WV WI WY

**CANADIAN PROVINCES**

AB BC MB NB NL NS NT NU ON PE QC SK YT

**DEFAULT NUMBERS**

123456789012345678  
 901234567890123456  
 789012345678901234  
 567890123456789012  
 345678901234567890  
 123456789012345678

**ALT NUMBERS SS2**

123456789012345678  
 901234567890123456  
 789012345678901234  
 567890123456789012  
 345678901234567890  
 123456789012345678

**FRACTIONS, SUPERScript, SUBSCRIPT**

0123/4567890 H2O H2O Now.27  
 00 01 02 03 04 05 06 07 08 09 10  
 10 11 12 13 14 15 16 17 18 19 10  
 20 21 22 23 24 25 26 27 28 29 20  
 30 31 32 33 34 35 36 37 38 39 30  
 40 41 42 43 44 45 46 47 48 49 40  
 50 51 52 53 54 55 56 57 58 59 50  
 60 61 62 63 64 65 66 67 68 69 60  
 70 71 72 73 74 75 76 77 78 79 70  
 80 81 82 83 84 85 86 87 88 89 80  
 90 91 92 93 94 95 96 97 98 99 90

**DEFAULT VS ALL CAPS PUNCTUATION AND MATH SYMBOLS (LNUM)**

(HI-O) (HI-O) [HI-O] [HI-O] {HI-O} {HI-O}  
 (HI-O) (HI-O) [HI-O] [HI-O] {HI-O} {HI-O}

(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}{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+ +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÷ ÷0÷

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

**CURRENCY SYMBOLS AND NUMBERS**

\$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 0

¢5 30¢ \$25,000 67\$ 5,234 17 423 120

6,000 234 3 456

**NUMBERS WITH PUNCTUATION AND SYMBOLS**

.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\*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” “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\_

11223344556677889900

1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th

111122223333444455556666777788889999

Nov 22, 1645 10.23.77 12/10/88 10-6-01

77° 45% 56%

(473ml) [81 dB 80 km/h] (speed). Go 72\* (to) the  
 station #45. Apt. 305

For example, ”{Gel} A voltage of 50 V to 160 V”  
 rather than ”a voltage of 50–160 V”.

The density of saltwater may read; d = 1.050 g/cm<sup>3</sup>  
 O<sub>2</sub> N<sub>2</sub> 15°C (read ”at” for °), density of a gas d =  
 0,150 g/L 20°C, 1 bar, or noise of a car.

Type 1900–2000 (London, 1967) p. 45.

12 Crescent Lane #5, Boston MA 02115

7 Garden Walk, Cambridge CB4 3EW UK

1812 1824 45 23 67 -3,567 678 3

## HYPHENS AND DASHES

Semi-precious

Clackton-on-Sea—London

Berlin—London

18:32–20:18

06:12–11:07

He came – that day – but no.

He came — that day — but no.

‘You sad —!’

## QUOTES

‘I feel’ ‘ah’ ‘no.’ ‘no?’ ‘if’ ‘cake!’ ‘¿jeff?’ ‘¡si!’ ‘i’ll’

‘I feel’ ‘ah’ ‘no.’ ‘no?’ ‘if’ ‘cake!’ ‘¿jeff?’ ‘¡si!’ ‘i’ll’

‘I feel’ ‘ah’ ‘no.’ ‘no?’ ‘if’ ‘cake!’ ‘¿jeff?’ ‘¡si!’ ‘i’ll’

,I feel’ ,ah’ ,no.’ ,no?’ ,if’ ,cake!’ ,¿jeff?’ ,¡si!’ ,i’ll’

“I feel” “ah” “no.” “no?” “if” “cake!” “¿jeff?” “¡si!”  
 “i’ll”

”I feel” ”ah” ”no.” ”no?” ”if” ”cake!” ”¿jeff?” ”¡si!”  
 ”i’ll”

¡I feel! ¡h! ¡o! ¡o? ¡! ¡ake! ¡¿jeff? ¡

¡si! ¡i’ll

¡I feel! ¡ah! ¡no. ¡no? ¡if! ¡cake! ¡¿jeff? ¡

¡si! ¡i’ll

¡I feel! ¡h! ¡o! ¡o? ¡! ¡ake! ¡¿jeff? ¡

¡si! ¡i’ll

¡I feel! ¡ah! ¡no. ¡no? ¡if! ¡cake! ¡¿jeff? ¡

¡si! ¡i’ll

## LIGATURES

off jafino floor office Safflower

## ALT LIGATURES

off jafino floor office Safflower

## NO LIGATURES

off jafino floor office Safflower

## ALT NO LIGATURES

off jafino floor office Safflower

## SOMETIMES DIFFICULT COMBINATIONS (NO LIGATURES)

fi f fi fh fh fh fh ft f? f! (f) {f} [f] f' f" f" froggy

kojgin logjam jy yj ra r o ov o ow o o n

Tim Tm T s T r T Fin Vin (Q) {Q} [Q] (Q) {Q} [Q]

4QJ Qg Qy QX Vm Wm

## PUNCTUATION

‘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-a b-b c-c d-d e-e f-f g-g h-h i-i j-j k-k l-l m-m n-n

o-o p-p q-q r-r s-s t-t u-u v-v w-w x-x y-y z-z

a–a b–b c–c d–d e–e f–f g–g h–h i–i j–j k–k l–l m

–m n–n o–o p–p q–q r–r s–s t–t u–u v–v w–w x–x y–  
y z–z

A–A B–B C–C D–D E–E F–F G–G H–H I–I J–J K–K L  
–L M–M N–N O–O P–P Q–Q R–R S–S T–T U–U V–V  
W–W X–X Y–Y Z–Z

a\*a b\*b c\*c d\*d e\*e f\*f g\*g h\*h i\*i j\*j k\*k l\*l m\*m  
n\*n o\*o p\*p q\*q r\*r s\*s t\*t u\*u v\*v w\*w x\*x  
y\*y z\*z

A\*A B\*B C\*C D\*D E\*E F\*F G\*G H\*H I\*I J\*J K\*K  
L\*L M\*M N\*N O\*O P\*P Q\*Q R\*R S\*S T\*T U\*U  
V\*V W\*W X\*X Y\*Y Z\*Z

## AMPERSANDS

a&a a&a a&a b&b c&c d&d e&e f&f g&g h&h i&i  
j&j k&k l&l m&m n&n o&o p&p q&q r&r s&s  
t&t u&u v&v w&w x&x y&y z&z A&A B&B C&C  
D&D E&E F&F G&G H&H I&I J&J K&K L&L M&M  
N&N O&O P&P Q&Q R&R S&S T&T U&U V&V  
W&W X&X Y&Y Z&Z

a&a b&b c&c d&d e&e f&f g&g h&h i&i j&j k&k l&l  
m&m n&n o&o p&p q&q r&r s&s t&t u&u v&v  
w&w x&x y&y z&z A&A B&B C&C D&D E&E F&F  
G&G H&H I&I J&J K&K L&L M&M N&N O&O P&P  
Q&Q R&R S&S T&T U&U V&V W&W X&X Y&Y Z&Z