

# Tahm — PS 10 — 2025-02-25

EIWL3 Sections 26, 27, and 28

## Chapter 26

In[112]:=

```
#^2 & /@ Range[10]
```

Out[112]=

```
{1, 4, 9, 16, 25, 36, 49, 64, 81, 100}
```

In[113]:=

```
Blend[{Red, #}] & /@ {Yellow, Green, Blue}
```

Out[113]=

```
{, , 
```

In[114]:=

```
Framed[Column[{ToUpperCase[#], #}]] & /@ Alphabet[]
```

Out[114]=

```
{

|   |
|---|
| A |
| a |

, 

|   |
|---|
| B |
| b |

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| C |
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| Z |
| z |

}
```

In[115]:=

```
Framed[Style[#, RandomColor[]], Background → RandomColor[]] & /@ Alphabet[]
```

Out[115]=

```
{

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| a |
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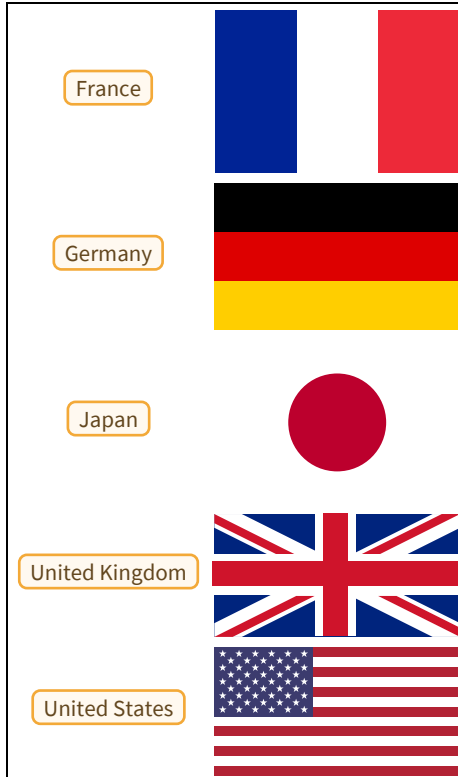
|   |
|---|
| z |
|---|

}
```

In[116]:=

```
Grid[ {#, EntityValue[#, "Flag"]} & /@ EntityList[ Group of 5 COUNTRIES ],
  Frame → Automatic ]
```

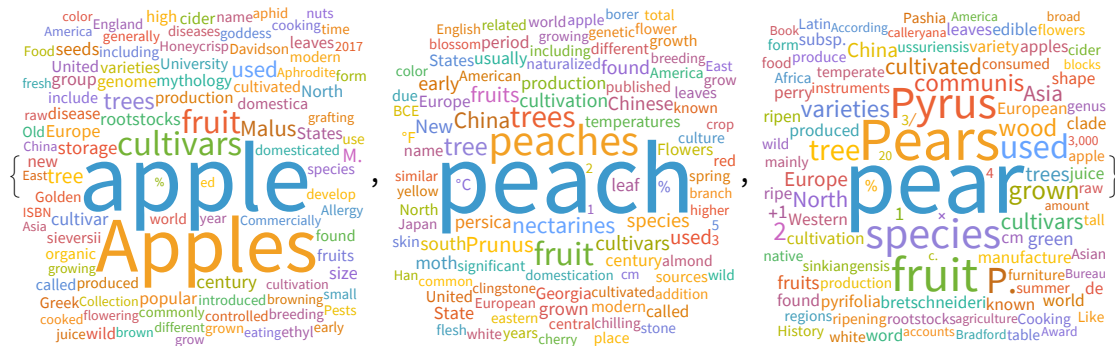
Out[116]=



In[117]:=

```
WordCloud[WikipediaData[#]] & /@ {"apple", "peach", "pear"}
```

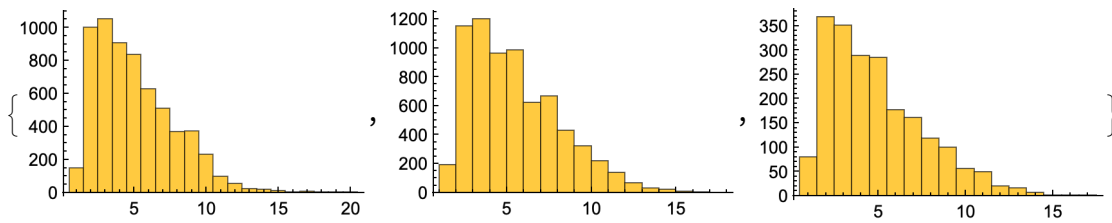
Out[117]=



In[118]:=

```
Histogram[StringLength[TextWords[WikipediaData[#]]] ] & /@ {"apple", "peach", "pear"}
```

Out[118]=



In[119]:=

```
GeoListPlot[ {#}, GeoRange → Central America COUNTRIES ] & /@
```

```
EntityList[ Central America COUNTRIES ]
```

Out[119]=



# Chapter 27

In[120]:=

```
NestList[Blur, Rasterize[Style["X", 30]], 10]
```

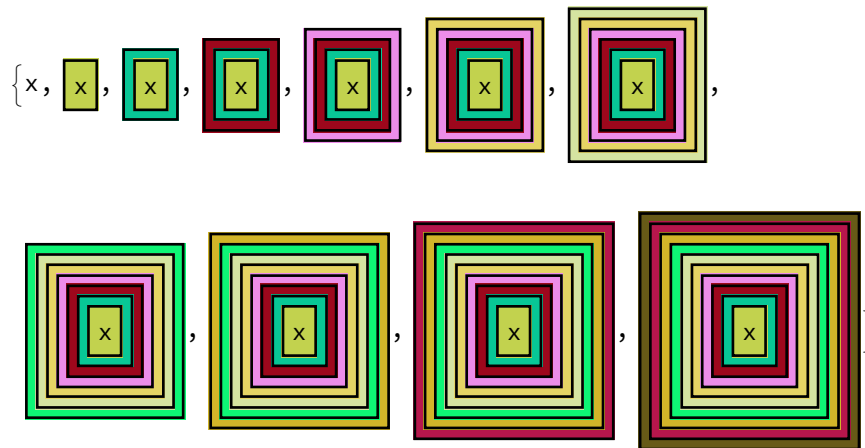
Out[120]=

{X, X, X, X, X, X, X, X, X, X, X}

In[121]:=

```
NestList[Framed[#, Background → RandomColor[]] &, x, 10]
```

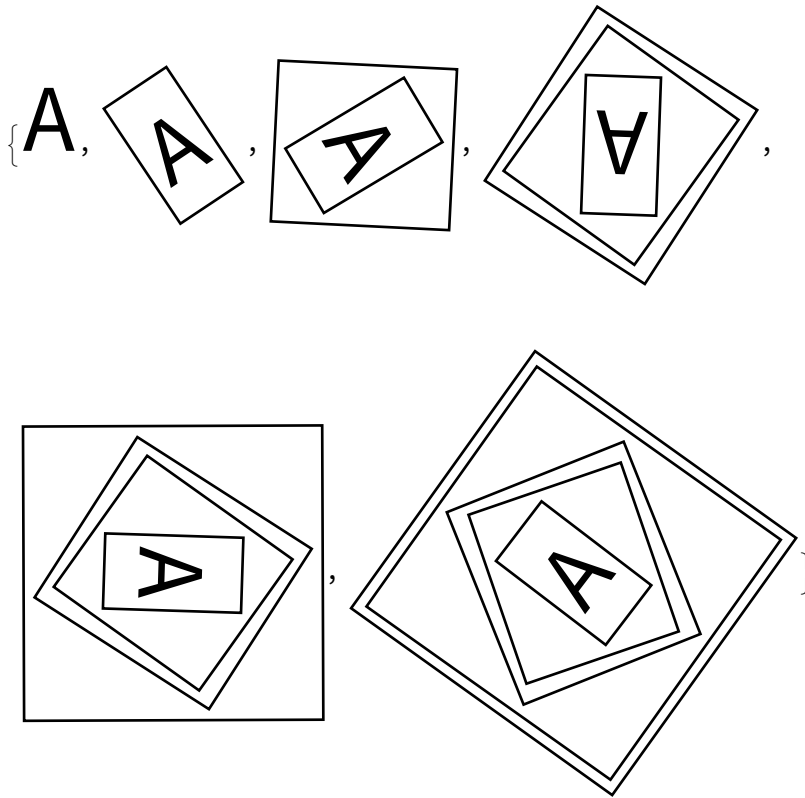
Out[121]=



In[122]:=

```
NestList[Rotate[Framed[#], RandomReal[{0, 360}]] &, Style["A", 50], 5]
```

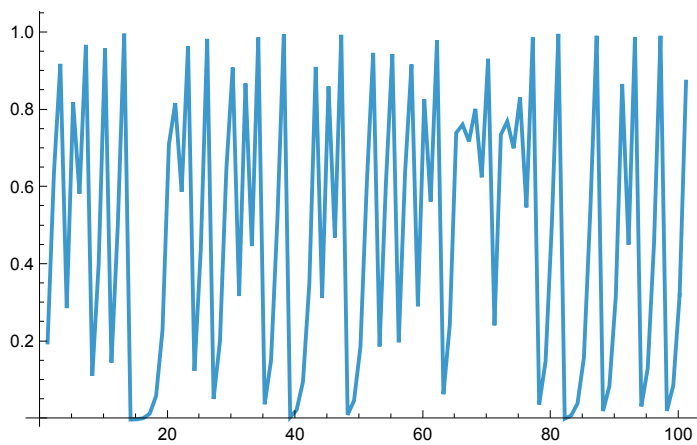
Out[122]=



In[123]:=

```
ListLinePlot[NestList[4 # (1 - #) &, 0.2, 100]]
```

Out[123]=



In[124]:=

```
Nest[1.0 + 1.0 / # &, 1, 30] // N
```

Out[124]=

1.61803

In[125]:=

**NestList[3 \* 3 # &, 1, 10]**

Out[125]=

{1, 9, 81, 729, 6561, 59 049, 531 441, 4 782 969, 43 046 721, 387 420 489, 3 486 784 401}

In[126]:=

**NestList[(# + 2 / #) / 2 &, 1.0, 5] - Sqrt[2]**

Out[126]=

{-0.414214, 0.0857864, 0.0024531,  $2.1239 \times 10^{-6}$ ,  $1.59472 \times 10^{-12}$ ,  $-2.22045 \times 10^{-16}$ }

In[127]:=

**Graphics[Line[NestList[# + RandomReal[{-1, 1}, 2] &, {0, 0}, 1000]]]**

Out[127]=



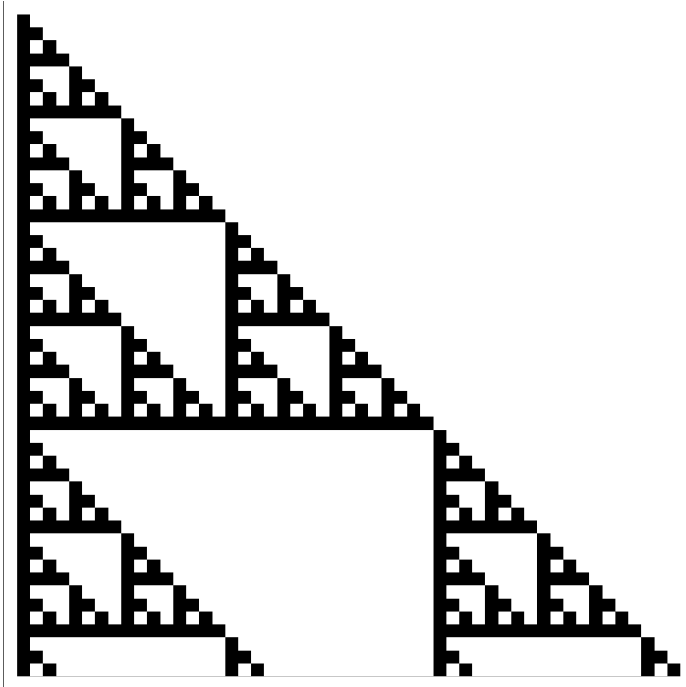
In[128]:=

```

ArrayPlot[
  NestList[
    Mod[
      Join[{0}, #] + Join[#, {0}], 2] &,
    {1}, 50]]

```

Out[128]=



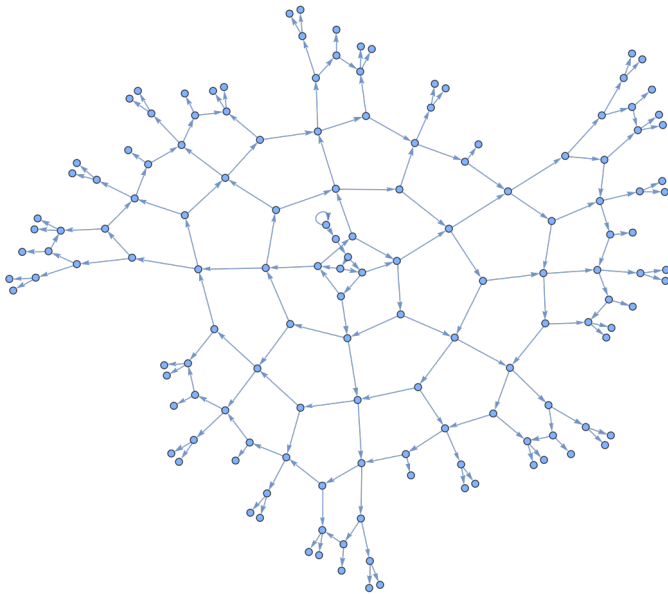
In[129]:=

```

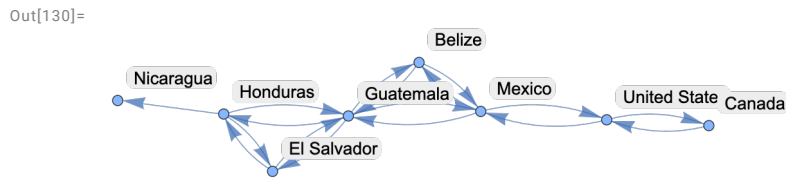
NestGraph[{# + 1, 2 #} &, 0, 10]

```

Out[129]=



```
In[130]:= NestGraph[{"BorderingCountries"} &, United States COUNTRY, 4, VertexLabels -> All]
```



```
In[131]:=
```

## Chapter 28

```
In[132]:= 123 ^ 321 > 456 ^ 123
```

```
Out[132]= True
```

```
In[133]:= Select[Range[100], Total[IntegerDigits[#]] < 5 &]
```

```
Out[133]= {1, 2, 3, 4, 10, 11, 12, 13, 20, 21, 22, 30, 31, 40, 100}
```

```
In[134]:= If[PrimeQ[#], Style[#, Red], #] & /@ Range[20]
```

```
Out[134]= {1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20}
```

```
In[135]:= Select[WordList[], StringTake[#, 1] == StringTake[StringReverse[#], 1] == "p" &]
```

```
Out[135]= {pap, paperclip, parsnip, partisanship, partnership, pawnshop, peep, penmanship,
  pep, pickup, pileup, pip, plop, plump, polyp, pomp, pop, premiership,
  prep, primp, professorship, prop, proprietorship, pulp, pump, pup}
```

```
In[136]:= Select[Array[Prime, 100], Last[IntegerDigits[#]] < 3 &]
```

```
Out[136]= {2, 11, 31, 41, 61, 71, 101, 131, 151, 181, 191, 211,
  241, 251, 271, 281, 311, 331, 401, 421, 431, 461, 491, 521, 541}
```

```
In[137]:= Select[RomanNumeral[Range[100]], ! MemberQ[Characters[#], "I"] &]
```

```
Out[137]= {V, X, XV, XX, XXV, XXX, XXXV, XL, XLV,
  L, LV, LX, LXV, LXX, LXXV, LXXX, LXXXV, XC, XCV, C}
```



```

In[138]:=
Select[RomanNumeral[Range[1000]], StringReverse[#] == # &]

Out[138]=
{I, II, III, V, X, XIX, XX, XXX, L, C, CXC, CC, CCC, D, M}

In[139]:=
Select[IntegerName[Range[100]], StringTake[#, 1] == StringTake[StringReverse[#], 1] &]

Out[139]=
{nineteen, twenty-eight, thirty-eight, eighty-one,
 eighty-three, eighty-five, eighty-nine, ninety-seven}

In[140]:=
Select[TextWords[WikipediaData["Words"]], StringLength[#] > 15 &]

Out[140]=
{yibi-jarran-gabun, yibi-gabun-jarran, orthographically,
 multiple-morpheme, Proto-Indo-European, 978-0-08-044854-1}

In[141]:=
NestList[
  If[
    EvenQ[#],
    # / 2,
    3 # + 1] &,
  1000, 200]

Out[141]=
{1000, 500, 250, 125, 376, 188, 94, 47, 142, 71, 214, 107, 322, 161, 484, 242, 121, 364,
 182, 91, 274, 137, 412, 206, 103, 310, 155, 466, 233, 700, 350, 175, 526, 263,
 790, 395, 1186, 593, 1780, 890, 445, 1336, 668, 334, 167, 502, 251, 754, 377,
 1132, 566, 283, 850, 425, 1276, 638, 319, 958, 479, 1438, 719, 2158, 1079, 3238,
 1619, 4858, 2429, 7288, 3644, 1822, 911, 2734, 1367, 4102, 2051, 6154, 3077,
 9232, 4616, 2308, 1154, 577, 1732, 866, 433, 1300, 650, 325, 976, 488, 244, 122,
 61, 184, 92, 46, 23, 70, 35, 106, 53, 160, 80, 40, 20, 10, 5, 16, 8, 4, 2, 1, 4, 2,
 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4,
 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1,
 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2, 1, 4, 2}

```

```
In[142]:= WordCloud[Select[TextWords[WikipediaData["Computers"]], StringLength[#] == 5 &]]
```

[illegible]

```
In[143]:= Select[WordList[], StringLength[#] ≥ 3 && # ≠ StringReverse[#] &&  
StringTake[#, 3] == StringTake[StringReverse[#], 3] &]
```

```
Out[143]=
{despised, detected, detested, drainboard,
 foolproof, lackadaisical, marjoram, revolver}
```

```
In[144]:= Select[Select[WordList[], StringLength[#] == 10 &],  
Total[LetterNumber /@ Characters[#]] == 100 &]
```

```
Out[144]= {accumulate, alienation, answerable, apoplectic, aquamarine, bewitching, censurable, ceramicist, chastening, chimpanzee, clinically, collecting, condensate, congenital, conjugated, connivance, declension, deliquesce, demobilize, demodulate, denominate, diagonally, discipline, discommode, egoistical, emasculate, embodiment, emendation, empathetic, fatalistic, fatherhood, geographer, hemoglobin, inadequacy, interbreed, leveraging, liberalism, likelihood, martingale, mercantile, meridional, neoclassic, paramecium, plebiscite, potbellied, quadrangle, reciprocal, regimented, reschedule, researcher, scoreboard, septicemia, shibboleth, sleepyhead, stagecraft, stalemated, temperance, thickening, threatened, uncombined, unmodified}
```

```
In[145]:= Select[WordList[], StringLength[#] == 10 &]
```

```
Out[145]=
{abbreviate, abdication, aberration, abhorrence, abjuration, abnegation, abnormally,
 abominable, abominably, aboriginal, abortively, aboveboard, abridgment, abrogation,
```

abruptness, abscission, absolutely, absolution, absolutism, absolutist,  
 absorbency, absorption, absorptive, abstemious, abstention, abstinence,  
 abstracted, abstracter, abstractly, abstrusely, abundantly, accelerate,  
 accentuate, acceptable, acceptably, acceptance, accessible, accidental,  
 accomplice, accomplish, accordance, accountant, accounting, accoutered,  
 accredited, accumulate, accurately, accusation, accusative, accusatory,  
 accusingly, accustomed, achievable, achromatic, acoustical, acquainted,  
 acquirable, acrobatics, acrophobia, actionable, activating, activation,  
 activeness, adaptation, additional, adequately, adjectival, adjudicate,  
 adjuration, adjustable, adjustment, administer, admiration, admiringly,  
 admissible, admittance, admittedly, admonition, admonitory, adolescent,  
 adrenaline, adroitness, adsorption, adulterant, adulterate, adulterous,  
 adventurer, advertised, advertiser, advisement, aerobatics, aeronautic,  
 aesthetics, affability, affectedly, affiliated, affliction, affordable,  
 aficionado, afterbirth, afterimage, aftershock, aftertaste, aggrandize,  
 aggravated, aggregated, aggression, aggressive, agronomist, airfreight,  
 alarmingly, albuminous, alchemical, alcoholism, algebraist, alienating,  
 alienation, alimentary, alkalinity, allegation, allegiance, allegretto,  
 allergenic, alleviated, alliterate, allocation, allotropic, allurement,  
 alphabetic, altarpiece, alteration, alternator, altogether, altruistic,  
 amalgamate, amanuensis, amateurish, amateurism, ambassador, ambivalent,  
 ambulation, ambulatory, ameliorate, amercement, amiability, ammunition,  
 amphibious, amputation, analogical, analytical, analyzable, anamorphic,  
 anarchical, anatomical, ancestress, androgenic, anemometer, anesthesia,  
 anesthetic, angiosperm, anglophile, angularity, animadvert, animalcule,  
 animatedly, anisotropy, annexation, annihilate, annotating, annotation,  
 annoyingly, anointment, answerable, antagonism, antagonist, antagonize,  
 antebellum, antecedent, anthracite, anthropoid, antibiotic, anticancer,  
 anticipate, anticlimax, antifreeze, antimatter, antiphonal, antipodean,  
 antiquated, antiseptis, antiseptic, antisocial, antithesis, antithetic,  
 antonymous, aphoristic, apocalypse, apocryphal, apolitical, apologetic,  
 apoplectic, apostatize, apostrophe, apothecary, apotheosis, apparently,  
 apparition, appearance, appetizing, applesauce, applicable, applicator,  
 appointive, apposition, appositive, appraising, appreciate, apprentice,  
 aquamarine, arbitrager, arbitrator, arborvitae, archbishop, archdeacon,  
 archeology, archetypal, architrove, aristocrat, arithmetic, arrhythmia,  
 arrhythmic, arrogantly, arrogation, artfulness, articulate, artificial,  
 asbestosis, ascendancy, asceticism, ascribable, ascription, asexuality,  
 asphyxiate, aspidistra, aspiration, assailable, assemblage, assembling,  
 assessable, assessment, asseverate, assignable, assignment, assimilate,  
 assistance, assortment, assumption, assumptive, asterisked, astigmatic,  
 astonished, astounding, astringent, astrologer, astronomer, astronomic,  
 astuteness, asymmetric, asymptotic, atmosphere, attachable, attachment,  
 attainable, attainment, attendance, attenuated, attenuator, attraction,

attractive, atypically, auctioneer, audibility, audiometer, auditorium,  
 auscultate, auspicious, authorized, authorship, autocratic, autodidact,  
 autoimmune, automation, automatism, automatize, automobile, automotive,  
 autonomous, avaricious, baby-faced, babysitter, backgammon, background,  
 backhanded, backhander, backpacker, backslider, backstairs, backstroke,  
 bafflement, balderdash, ballistics, ballooning, balloonist, ballplayer,  
 balustrade, bandleader, bandmaster, banishment, bankruptcy, banqueting,  
 baptistery, barbecuing, barbershop, barebacked, barefooted, barehanded,  
 bareheaded, barelegged, bargaining, barleycorn, barometric, barracking,  
 barrenness, barricaded, barycenter, basketball, bassoonist, battledore,  
 battlement, battleship, beachfront, beautician, becomingly, bedchamber,  
 bedclothes, bedraggled, beekeeping, beforehand, behavioral, behindhand,  
 believable, believably, belittling, belladonna, bellwether, belongings,  
 bemusement, benefactor, beneficent, beneficial, benevolent, beseeching,  
 bestseller, betterment, bewildered, bewitching, biannually, biennially,  
 bifurcated, bighearted, bimetallic, binoculars, biochemist, biodegrade,  
 biographer, biographic, biological, biomedical, biometrics, biophysics,  
 bipartisan, bipedalism, birthplace, birthright, bitterness, bituminous,  
 blackberry, blackboard, blackening, blackguard, blacksmith, blacksnake,  
 blackthorn, blancmange, blasphemer, blissfully, blistering, blitheness,  
 blithesome, blitzkrieg, blockading, blockhouse, bloodhound, bloodiness,  
 bloodstain, bloodstock, bloodstone, blossoming, bluebonnet, bluebottle,  
 bluejacket, blurriness, blustering, blustorous, boastfully, boisterous,  
 bombardier, bondholder, boneheaded, boneshaker, bookbinder, bookkeeper,  
 bookmobile, bookseller, boondoggle, bootlegger, borderland, borderline,  
 born-again, bothersome, bottleneck, bottomless, bottommost, bowdlerize,  
 boyishness, brainchild, brainpower, brainstorm, brazenness, breadboard,  
 breadcrumb, breadfruit, breakwater, breastbone, breastfeed, breastwork,  
 breathless, breeziness, bricklayer, bridegroom, bridesmaid, bridgeable,  
 bridgehead, bridgework, brigantine, brightness, brilliance, brilliancy,  
 broadcloth, broadening, broadsheet, broadsword, bronchitic, bronchitis,  
 broomstick, brownstone, budgerigar, buffoonery, buffoonish, bullheaded,  
 burdensome, bureaucrat, burglarize, butchering, butterball, buttermilk,  
 buttonhole, buttonwood, buttressed, cadaverous, calamitous, calcareous,  
 calculable, calculated, calculator, calendered, calibrated, callowness,  
 calumniate, calumnious, camouflage, campaigner, campground, candelabra,  
 candidness, candlewick, candyfloss, cannelloni, cannonball, cantaloupe,  
 cantilever, cantonment, canvasback, canvassing, capability, capacitive,  
 capitalism, capitalist, capitalize, capitulation, capitulate, cappuccino,  
 capricious, captiously, captivated, caramelize, carbonated, carburetor,  
 carcinogen, cardholder, cardiogram, cardiology, carelessly, caricature,  
 carjacking, cartoonist, caseworker, casualness, catafalque, cataleptic,  
 catchpenny, categorize, cautionary, cautiously, cavalierly, cavalryman,  
 celebrated, celebrator, cellophane, censorious, censorship, censurable,

centennial, centerfold, centigrade, centiliter, centimeter, centralism, centralist, centrality, centralize, centrifuge, ceramicist, cerebellar, cerebellum, ceremonial, chairwoman, chalcedony, chalkboard, challenger, chamberpot, chancellor, chandelier, changeable, changeless, changeling, changeover, channelize, chaplaincy, chargeable, charioteer, charitable, charitably, charmingly, chartreuse, chasteness, chastening, chatelaine, chatterbox, chattering, chauvinism, chauvinist, cheapskate, checkpoint, cheekiness, cheerfully, cheesecake, chemically, chessboard, chickenpox, chiffonier, chilblains, childbirth, childishly, childproof, chilliness, chimerical, chimpanzee, chinchilla, chivalrous, chlorinate, chloroform, choppiness, chromosome, chronicler, chronology, chubbiness, chumminess, churchgoer, churchyard, churlishly, circuitous, circularly, circumcise, circumflex, circumvent, clamminess, clangorous, clarifying, classicism, classicist, classified, classifier, clavichord, clerestory, cleverness, clinically, clockmaker, clodhopper, cloistered, clothespin, cloudburst, cloudiness, cloverleaf, clubfooted, clumsiness, clustering, coagulated, coagulator, coalescent, coalescing, coarseness, coastguard, cockamamie, cockatrice, cockchafer, coexistent, coexisting, coffeecake, cogitation, cogitative, cognizable, cognizance, coherently, coincident, coinciding, collarbone, collarless, collateral, collecting, collection, collective, collegiate, collimator, colloquial, colloquium, colonnaded, coloration, coloratura, combustion, combustive, comedienne, comeliness, comestible, comforting, comicality, commandant, commandeering, commanding, commentary, commercial, commissary, commission, commitment, commodious, commonalty, commonness, commonweal, communally, communicate, commutable, commutator, compaction, comparable, comparably, comparison, compassion, compatible, compatibly, compatriot, compelling, compendium, compensate, competence, competency, competitor, complacent, complainer, complement, completely, completing, completion, complexion, complexity, compliance, complicate, complicity, compliment, composedly, compositor, compounded, comprehend, compressed, compressor, compromise, compulsion, compulsive, compulsory, computable, concealing, concentric, conception, conceptual, concerning, concertina, concession, conciliate, concluding, conclusion, conclusive, concoction, concordant, concretely, concretion, concurrent, concurring, concussion, condemning, condensate, condensing, condescend, conditions, condolence, conducting, conduction, conductive, confection, conference, conferment, confession, confidante, confidence, configured, confirming, confiscate, confluence, conforming, conformism, conformist, conformity, confounded, confusable, confusedly, congenital, congestion, congestive, congregant, congregate, congruence, coniferous, conjecture, conjointly, conjugally, conjugated, connection, connective, conniption, connivance, conquering, conscience, consecrate, consensual, consenting, consequent, considered, consistent, consistory, consonance, consortium, conspectus, conspiracy, constantly, constipate, constitute, constraint, consulship,

consultant, consumable, consummate, contagious, contention, contestant,  
 contextual, contiguity, contiguous, continence, contingent, continuing,  
 continuity, continuous, contortion, contraband, contracted, contractor,  
 contradict, contrarily, contravene, contribute, contritely, contrition,  
 controlled, controller, controvert, convalesce, convection, convenient,  
 convention, convergent, converging, conversant, conversely, conversion,  
 conveyable, conveyance, conviction, convincing, convoluted, convulsion,  
 convulsive, cooperator, coordinate, copperhead, copulation, copulative,  
 copulatory, copywriter, coquettish, cordiality, cornflower, cornstarch,  
 cornucopia, coronation, corpulence, correction, corrective, correlated,  
 correspond, corrigenda, corrugated, corrupting, corruption, costliness,  
 cottonseed, cottontail, cottonwood, councilman, counseling, counteract,  
 counterman, counterspy, countryman, countywide, courageous, coursework,  
 courthouse, covariance, covertness, covetously, cowcatcher, cowpuncher,  
 cracklings, craftiness, crankiness, crankshaft, crawlspace, creaminess,  
 creatively, creativity, credential, creditable, creditably, creepiness,  
 cretaceous, crewelwork, criminally, crisscross, critically, crocheting,  
 crossbones, crossbreed, crosscheck, crosshatch, crosspiece, crossroads,  
 crushingly, crustacean, cryogenics, cryptogram, cryptology, cultivable,  
 cultivated, cultivator, culturally, cumbersome, cummerbund, cumulative,  
 curability, curatorial, curmudgeon, curricular, curriculum, curvaceous,  
 cushioning, cussedness, cuttlefish, cybernetic, cyberspace, cyclopedia,  
 cytochrome, cytologist, daintiness, daughterly, dauntingly, daydreamer,  
 dazzlingly, deactivate, deadliness, deadlocked, dealership, deathwatch,  
 debasement, debauchery, debilitate, debriefing, decampment, decapitate,  
 decelerate, decimation, deciphered, decisively, declassify, declension,  
 decolonize, decompress, decoration, decorative, decorously, decreasing,  
 decryption, dedication, deductible, defacement, defamation, defamatory,  
 defecation, defensible, deficiency, defilement, definitely, definition,  
 definitive, deflection, deflective, defoliated, defoliator, degaussing,  
 degeneracy, degenerate, dehumanize, dehumidify, dehydrated, dejectedly,  
 delectable, delegating, delegation, deliberate, delicately, delightful,  
 delineated, delinquent, deliquesce, delphinium, delusional, delusively,  
 dementedly, demobilize, democratic, demodulate, demography, demolished,  
 demolition, demonetize, demoniacal, demoralize, demureness, denominate,  
 denotation, denotative, denouement, dentifrice, denudation, department,  
 dependable, dependably, dependence, dependency, depilatory, deplorable,  
 deplorably, deployment, depolarize, depopulate, deportment, depository,  
 deposition, depository, depreciate, depressant, depressing, depression,  
 depressive, deputation, derailment, deregulate, derisively, derivation,  
 derivative, dermatitis, derogation, derogatory, desalinate, descendant,  
 descending, descriptor, desecrated, deservedly, desiccated, designedly,  
 desolately, desolation, desorption, despairing, despicable, despicably,  
 despondent, detachable, detachment, detainment, detectable, determined,

determiner, deterrence, detestable, detestably, detonation, detraction,  
 developing, devilishly, devitalize, devolution, devotional, devoutness,  
 diabolical, diachronic, diagnosing, diagnostic, diagonally, dialectics,  
 diaphanous, dichloride, dictionary, dielectric, difference, difficulty,  
 diffidence, digestible, dignifying, digression, digressive, dilatation,  
 dilettante, diligently, diminished, diminuendo, diminution, diminutive,  
 dimorphism, dinnertime, dinnerware, diphtheria, diplomatic, dipsomania,  
 directness, disability, disappoint, disapprove, disarrange, disarrayed,  
 disastrous, disbarment, disbelieve, discerning, discharged, discipline,  
 disclaimer, disclosure, discomfort, discommode, discompose, disconcert,  
 disconnect, discontent, discordant, discounter, discourage, discovered,  
 discoverer, discreetly, discrepant, discretion, discursive, discussant,  
 discussion, disdainful, disembowel, disenchant, disfigured, disgusting,  
 dishabille, disharmony, dishearten, disheveled, dishonesty, dishonored,  
 dishwasher, disincline, disinherit, disjointed, dislocated, disloyally,  
 disloyalty, dismantled, dismissive, disordered, disorderly, dispassion,  
 dispatcher, dispensary, dispersion, dispersive, dispirited, displeased,  
 disposable, dispossess, disputable, disqualify, disquieted, disrespect,  
 disruption, disruptive, dissatisfy, dissection, dissembler, dissension,  
 dissenting, disservice, dissidence, dissimilar, dissipated, dissociate,  
 dissoluble, dissolving, dissonance, dissuasion, dissuasive, distension,  
 distention, distillate, distillery, distinctly, distortion, distracted,  
 distraught, distressed, distribute, disturbing, disyllabic, divergence,  
 divination, divisional, dockworker, documented, doggedness, dominating,  
 domination, dominatrix, doorkeeper, doubtfully, downmarket, downsizing,  
 downstairs, downstream, downwardly, drainboard, drawbridge, drawstring,  
 dreadfully, dreaminess, dreamworld, dreariness, dressmaker, drowsiness,  
 dumbstruck, dumbwaiter, duodecimal, duplicator, durability, dysprosium,  
 earthbound, earthquake, ebullience, ebullition, echinoderm, ecological,  
 economical, economizer, ecumenical, editorship, effacement, effectuate,  
 effeminacy, effeminate, effervesce, efficiency, effortless, effrontery,  
 effulgence, effusively, egocentric, egoistical, eigenvalue, eighteenth,  
 eightpence, eisteddfod, elaborated, elasticity, elderberry, electorate,  
 electrical, electronic, elementary, eliminator, elliptical, elongation,  
 eloquently, emaciation, emancipate, emasculate, embankment, emblematic,  
 embodiment, emboldened, embouchure, embroidery, embryology, emendation,  
 emigration, empathetic, emphasized, empiricism, empiricist, employable,  
 employment, emulsifier, enamelware, encampment, encasement, enchanting,  
 encircling, encouraged, encryption, encumbered, encyclical, endangered,  
 endearment, endogenous, endoscopic, energizing, enervating, enervation,  
 enfeebling, engagement, engagingly, engrossing, enjambment, enlistment,  
 enlivening, enormously, enraptured, enrichment, enrollment, entailment,  
 enterprise, enthralled, enthusiasm, enthusiast, enticement,  
 entombment, entomology, entrancing, entrapment, entrenched, enumerable,

enumerator, enveloping, envisioned, epicycloid, epiglottis, episcopacy,  
 episcopate, epistolary, epithelial, epithelium, equanimity, equatorial,  
 equestrian, equitation, equivalent, equivocate, eradicable, eradiator,  
 ergonomics, ergosterol, erotically, eructation, erysipelas, escalation,  
 escapement, escarpment, escriptoire, escutcheon, esophageal, especially,  
 estimation, estranging, ethnically, ethologist, eucalyptus, eulogistic,  
 euphonious, euthanasia, evacuation, evaluation, evaluative, evanescent,  
 evangelism, evangelist, evangelize, evaporated, evenhanded, eventually,  
 everyplace, everything, everywhere, evidential, eviscerate, exacerbate,  
 exactitude, exaggerate, exaltation, exasperate, excavation, excellence,  
 excellency, excitation, excitement, excitingly, exclaiming, excrescent,  
 exculpated, execration, executable, exegetical, exercising, exhalation,  
 exhausting, exhaustion, exhaustive, exhibition, exhilarate, exhumation,  
 exobiology, exonerated, exorbitant, exothermic, expandable, expansible,  
 expatriate, expectancy, expedience, expediency, expedition, expendable,  
 experience, experiment, expertness, expiration, expiratory, explicable,  
 explicitly, exportable, exposition, expository, expounding, expression,  
 expressive, expressway, expurgated, extensible, externally, extinction,  
 extinguish, extraction, extralegal, extramural, extraneous, exuberance,  
 exultantly, exultation, exultingly, eyeglasses, eyewitness, fabricated,  
 fabricator, fabulously, facilitate, factitious, fairground, faithfully,  
 fallacious, falsifying, familiarly, fanaticism, fancifully, farcically,  
 farsighted, fascinated, fashioning, fastidious, fatalistic, fatherhood,  
 fatherland, fatherless, fathomable, faultiness, favoritism, fearlessly,  
 fearsomely, feathering, federalism, federalist, federalize, federation,  
 feebleness, felicitate, felicitous, fellowship, femaleness, femininity,  
 fermenting, fertilizer, fettuccine, feverishly, fiberboard, fiberglass,  
 fibrillate, fibroblast, fickleness, fictitious, fiendishly, fierceness,  
 figuration, figurative, figurehead, filibuster, filthiness, filtration,  
 fingerless, fingerling, fingernail, finiteness, fishmonger, fisticuffs,  
 fitfulness, flabbiness, flaccidity, flagellant, flagellate, flagrantly,  
 flamboyant, flameproof, flashiness, flashlight, flattering, flatulence,  
 flavorless, flavorsome, flawlessly, flickering, flightless, flimsiness,  
 flippantly, flirtation, floatation, floodlight, floodplain, floorboard,  
 flowerless, fluffiness, fluoridate, fluttering, flycatcher, flyswatter,  
 follicular, footballer, footbridge, footlights, footlocker, forbearing,  
 forbidding, forcefully, foreboding, forecaster, forecastle, forefather,  
 forefinger, foreground, foreperson, forerunner, foreshadow, forfeiture,  
 forgivable, formalized, formatting, formidable, formidably, formlessly,  
 formulated, forthright, fortissimo, fortuitous, forwarding, fossilized,  
 foundation, foundering, foursquare, fourteenth, fractional, fragmented,  
 fraternity, fraternize, fratricide, fraudulent, freakishly, freebooter,  
 freeholder, freelancer, free-loader, frenziedly, frequenter, frequently,  
 freshwater, frictional, friendless, friendship, frightened, friskiness,



frolicsome, frontwards, frostiness, frowningly, fruitfully, frustrated,  
 full-scale, fumigation, functional, fundraiser, fungicidal, furnishing,  
 futuristic, futurology, gadolinium, gamekeeper, gangrenous, garbageman,  
 gargantuan, garishness, gastronome, gastronomy, gatekeeper, gaucheness,  
 gelatinous, generalist, generality, generalize, generation, generative,  
 generosity, generously, geneticist, gentlefolk, gentleness, geocentric,  
 geographer, geographic, geological, geophysics, geothermal, geothermic,  
 geriatrics, germicidal, ghostwrite, gingersnap, gingivitis, girlfriend,  
 glaciation, glasshouse, glimmering, glistening, glistening, glittering,  
 gloatingly, gloominess, gloriously, glossiness, gluttonous, goalkeeper,  
 goaltender, gobsmacked, goldfields, gooseberry, gorgeously, governable,  
 governance, government, gracefully, graciously, graduation, graininess,  
 grammarian, gramophone, grandchild, granddaddy, grandniece, grandstand,  
 granduncle, granulated, grapefruit, graphology, grassroots, gratefully,  
 gratifying, gratuitous, gravestone, gravimeter, greasiness, greediness,  
 greenhouse, greensward, gregarious, grievously, grindstone, grogginess,  
 groundless, groundsman, groundwork, grubbiness, grudgingly, gruesomely,  
 grumpiness, guardhouse, guesthouse, guillotine, guiltiness, gunrunning,  
 gunslinger, gutturally, gymnastics, gymnosperm, gynecology, gyroscopic,  
 habiliment, habitation, habitually, hairspring, hallelujah, hammerhead,  
 hammerlock, handedness, handicraft, handmaiden, handsomely, handspring,  
 harassment, hardheaded, hard-nosed, harmlessly, harmonious, harmonized,  
 harmonizer, harvesting, headcheese, headhunter, headmaster, headstrong,  
 headwaiter, heartbreak, heartening, heartiness, heartthrob, heathenish,  
 heathenism, heatstroke, heavenward, hectically, hectometer, hedonistic,  
 heedlessly, helicopter, heliotrope, helplessly, hematology, hemisphere,  
 hemoglobin, hemophilia, hemorrhage, hemorrhoid, henceforth, herbaceous,  
 hereabouts, hereditary, heretofore, herniation, heroically, hesitantly,  
 hesitating, hesitation, heterodoxy, hierarchic, hieroglyph, high-grade,  
 high-speed, highwayman, hinterland, hippodrome, historical, histrionic,  
 hitchhiker, hoarseness, hobbyhorse, hodgepodge, hollowness, holography,  
 homecoming, homeliness, homemaking, homeopathy, homoerotic, homogenize,  
 homologous, homophobia, homophobic, homosexual, homozygous, homunculus,  
 honorarium, hopelessly, horizontal, hornblende, horrendous, horrifying,  
 horseflesh, horselaugh, horsepower, horseshoes, horsewoman, hospitable,  
 hospitably, hotchpotch, housebound, housebreak, houseplant, hovercraft,  
 hullabaloo, humaneness, humanistic, humanities, humbleness, humiliated,  
 humorously, humpbacked, husbandman, hydraulics, hydrolysis, hydrometer,  
 hydroplane, hydroponic, hygrometer, hyperbolic, hypermedia, hypnotized,  
 hypodermic, hypotenuse, hypothesis, hysteresis, hysterical, iatrogenic,  
 icebreaker, iconoclasm, iconoclast, idealistic, identified, identifier,  
 ideologist, idiopathic, idolatress, idolatrous, ignorantly, illegality,  
 ill-gotten, illiteracy, illiterate, illuminant, illuminate, illustrate,  
 imaginable, imbalanced, imbecility, immaculate, immaterial, immaturely,

immaturity, immemorial, imminently, immiscible, immobility, immobilize,  
 immoderate, immodestly, immolation, immorality, immunology, impairment,  
 impalement, impalpable, impalpably, impassable, impatience, impeccable,  
 impeccably, impediment, impenitent, imperative, imperially, impersonal,  
 impervious, impishness, implacable, implicated, implicitly, impolitely,  
 importance, imposingly, imposition, impossible, impossibly, impotently,  
 impounding, impoverish, impregnate, impresario, impression, impressive,  
 imprimatur, imprinting, imprisoned, improbable, improbably, improperly,  
 improvable, improvised, imprudence, impudently, imputation, inaccuracy,  
 inaccurate, inactivate, inactivity, inadequacy, inadequate, inarguable,  
 inartistic, inaugurate, inbreeding, incapacity, incautious, incendiary,  
 incestuous, incidental, incinerate, incipience, incisively, incitement,  
 incivility, inclemency, incoherent, incomplete, inconstant, increasing,  
 incredible, incredibly, incubation, inculpable, incumbency, indecently,  
 indecision, indecisive, indecorous, indefinite, indelicacy, indelicate,  
 indentured, indexation, indication, indicative, indictable, indictment,  
 indigenous, indirectly, indiscreet, indisposed, indistinct, individual,  
 indolently, inducement, inductance, indulgence, industrial, indwelling,  
 inebriated, inefficacy, inelegance, ineligible, ineptitude, inequality,  
 inevitable, inevitably, inexorable, inexorably, inexpertly, inexpiable,  
 infallible, infarction, infatuated, infeasible, infectious, infelicity,  
 infernally, infidelity, infiltrate, infinitely, infinitive, infinitude,  
 inflatable, inflection, inflexible, inflexibly, infliction, informally,  
 infraction, infrasonic, infrequent, infuriated, inglorious, ingratiate,  
 ingredient, inhabitant, inhalation, inherently, inheriting, inhibition,  
 inhibitory, inhumanely, inhumanity, inimitable, inimitably, iniquitous,  
 initialize, initiation, initiative, initiatory, injunction, innateness,  
 innocently, innovation, innovative, innumerate, inoperable, inordinate,  
 inquietude, inquisitor, insanitary, insatiable, insatiably, insecurely,  
 insecurity, insensible, insensibly, insentient, insightful, insipidity,  
 insistence, insobriety, insolently, insolvable, insolvency, insouciant,  
 inspection, installing, instigator, instilling, instructor, instrument,  
 insularity, insulation, insurgence, insurgency, intangible, integrally,  
 integrated, integrator, integument, intentness, interbreed, interested,  
 interfaith, interferon, interlaced, interleave, interloper, intermarry,  
 intermezzo, internally, internment, internship, interstate, interstice,  
 intertidal, intertwine, interweave, interwoven, intestinal, intimately,  
 intimation, intimidate, intolerant, intonation, intoxicant, intoxicate,  
 intramural, intrastate, intrepidly, intriguing, introspect, inundation,  
 invalidate, invalidism, invalidity, invaluable, invariable, invariably,  
 invariance, invertible, investment, inveterate, invigorate, invincible,  
 invincibly, inviolable, invitation, invitingly, invocation, involution,  
 ionization, ionosphere, iridescent, ironically, ironmonger, irrational,  
 irrelevant, irresolute, irreverent, irrigation, irritating, irritation,

isometrics, isomorphic, isothermal, jackhammer, jackrabbit, jackstraws,  
 jaggedness, jauntiness, jawbreaker, jeopardize, jimsonweed, jingoistic,  
 jinrikisha, jocularly, johnnycake, journalese, journalism, journalist,  
 journeying, journeyman, joyfulness, joyousness, jubilantly, jubilation,  
 judgmental, judicatory, judicature, judicially, juggernaut, juxtaposed,  
 kettledrum, kick-start, kidnapping, kindliness, kinematics, kingfisher,  
 knickknack, knighthood, knockabout, kookaburra, laboratory, laceration,  
 lachrymose, lackluster, lamentable, lamentably, lamination, landholder,  
 landlocked, landlubber, landscaped, landscaper, languorous, laryngitis,  
 lascivious, laughingly, laundering, laundryman, lavishness, lawbreaker,  
 lawfulness, lawrencium, leadership, lebensraum, legibility, legislator,  
 legitimacy, legitimate, legitimize, leguminous, lemongrass, lengthened,  
 lengthwise, leopardess, leprechaun, lesbianism, letterhead, leveraging,  
 levitation, liberalism, liberality, liberalize, liberation, librettist,  
 licentiate, licentious, lieutenant, lifelessly, lifesaving, lightening,  
 lighthouse, lightproof, likelihood, likeliness, limitation, linebacker,  
 linguistic, lipreading, liquidator, liquidizer, listlessly, literalism,  
 literature, lithograph, litigation, littleness, liturgical, livelihood,  
 liveliness, liverwurst, locomotion, locomotive, loganberry, loggerhead,  
 logicality, logistical, logrolling, loneliness, lopsidedly, loquacious,  
 lordliness, loveliness, lubricated, lubricator, lubricious, lugubrious,  
 lukewarmly, lumberjack, lumberyard, luminosity, lumpectomy, lusciously,  
 lusterless, luxuriance, lymphocyte, macadamize, maceration, mackintosh,  
 macrophage, magistracy, magistrate, magnetized, maidenhair, maidenhead,  
 maidenhood, mainspring, mainstream, maintained, maintainer, maisonette,  
 makeweight, malcontent, malefactor, maleficent, malevolent, malignancy,  
 malingerer, malodorous, maltreated, manageable, management, manageress,  
 managerial, mandibular, maniacally, manicurist, manifestly, manipulate,  
 manservant, manuscript, maraschino, marathoner, marbleized, marginalia,  
 marginally, marionette, marketable, martingale, masquerade, mastectomy,  
 mastermind, mastership, matchmaker, matchstick, materially, maternally,  
 matriarchy, maturation, maximizing, mayonnaise, meadowlark, meagerness,  
 meagreiness, meandering, meaningful, measurable, measurably, mechanical,  
 mechanized, meddlesome, medicament, medication, mediocrity, meditation,  
 meditative, meerschau, megalithic, melancholy, mellowness, membership,  
 membranous, memorandum, menacingly, mendacious, mendicancy, meningitis,  
 menopausal, menstruate, mensurable, mercantile, mercerized, mercifully,  
 meridional, mesmerized, mesmerizer, mesosphere, metabolism, metabolite,  
 metabolize, metacarpal, metacarpus, metallurgy, metaphoric, metastable,  
 metastasis, metastatic, metatarsal, metatarsus, metathesis, methionine,  
 methodical, methylated, meticulous, metrically, metropolis, mettlesome,  
 microfarad, microfiche, micrometer, microphone, microscope, microscopy,  
 middlebrow, middlemost, midsection, midshipman, mightiness, mignonette,  
 militarily, militarism, militarist, militarize, militiaman, millennial,

millennium, milliliter, millimeter, millwright, mimeograph, mindlessly,  
 mineralogy, minestrone, minimalism, minimalist, ministrant, minstrelsy,  
 minuteness, miraculous, mirthfully, miscellany, misconduct, misfortune,  
 mislabeled, misleading, mismatched, misogynist, misogynous, misreading,  
 missionary, mistakable, mistakenly, mistreated, mitigation, mitigatory,  
 mizzenmast, moderately, moderating, moderation, modernized, modernness,  
 modifiable, modishness, modulation, moistening, moisturize, molybdenum,  
 monarchism, monarchist, monastical, monetarism, monetarist, moneymaker,  
 monitoring, monochrome, monoclonal, monogamist, monogamous, monolithic,  
 monologist, monomaniac, monophonic, monopolist, monopolize, monotheism,  
 monotheist, monotonous, monstrosity, monumental, moonshiner, moonstruck,  
 moralistic, moralizing, moratorium, morbidness, moroseness, morphology,  
 mortifying, motherhood, motherland, motherless, motionless, motivating,  
 motivation, motiveless, motorcycle, mountebank, mournfully, mouthpiece,  
 mozzarella, muckraking, mulishness, multicolor, multilevel, multimedia,  
 multiphase, multiplied, multiplier, multistage, multistory, munificent,  
 musicality, musicology, mutability, mutational, mutilation, mycologist,  
 myocardial, mysterious, mystically, mystifying, nanosecond, narcissism,  
 narcissist, narcolepsy, narcotized, narrowness, nasturtium, nationally,  
 nationhood, nationwide, naturalism, naturalist, naturalize, nauseating,  
 navigation, nebulously, necromancy, necropolis, needlessly, needlework,  
 negatively, negativism, negativity, neglectful, negligence, negligible,  
 negotiable, negotiator, neighborly, neoclassic, neoplastic, nethermost,  
 nettlesome, neutralism, neutralist, neutrality, neutralize, newfangled,  
 newscaster, newsdealer, newsletter, newsreader, newsworthy, nightdress,  
 nightshade, nightshirt, nightstick, nihilistic, nimbleness, nincompoop,  
 nineteenth, noblewoman, noisemaker, nomination, nominative, nonaligned,  
 noncaloric, nonchalant, nondrinker, nonfiction, nonpayment, nonplussed,  
 nonstarter, nontaxable, nonuniform, nonviolent, normalizer, northbound,  
 northwards, notability, noteworthy, noticeable, noticeably, notifiable,  
 nourishing, nucleotide, numberless, numeration, numerology, nurseryman,  
 nutcracker, nutritious, obdurately, obediently, obligation, obligatory,  
 obligingly, obliterate, obsequious, observable, observably, observance,  
 obstetrics, obstructed, obtainable, obtainment, obtuseness, occasional,  
 occidental, occupation, occurrence, oceanfront, oceangoing, oceanology,  
 octahedron, odiousness, officially, oftentimes, oleaginous, oligarchic,  
 omnipotent, omniscient, omnivorous, oncologist, opalescent, opaqueness,  
 openhanded, operations, ophthalmic, oppositely, opposition, oppression,  
 oppressive, opprobrium, optimistic, optionally, oratorical, orchestral,  
 ordinarily, ordination, organismic, orientated, originally, originator,  
 ornamental, ornateness, orneriness, orthogonal, orthopedic, oscillator,  
 osculation, ostensible, ostensibly, osteopathy, outbalance, outclassed,  
 outfielder, outfitting, outlandish, outpatient, outperform, outpouring,  
 outrageous, outstation, overacting, overactive, overburden, overcharge,

overeating, overexpose, overextend, overflight, overgrowth, overheated,  
 overloaded, overlooked, overmaster, overpraise, overpriced, overrating,  
 overriding, overshadow, overspread, overstated, overstress, overstrung,  
 oversupply, overtaking, overturned, overweight, overwinter, pacesetter,  
 pacifistic, packsaddle, pagination, painkiller, painlessly, paintbrush,  
 palatinate, palimpsest, palindrome, pallbearer, palliation, palliative,  
 paltriness, pancreatic, panhandler, panjandrum, pantograph, paperboard,  
 paraboloid, paramecium, parametric, paranormal, paraphrase, paraplegia,  
 paraplegic, parasitism, paratroops, pardonable, pardonably, parenteral,  
 parenthood, parimutuel, parliament, parlormaid, paroxysmal, partiality,  
 participle, particular, passageway, passionate, pasteboard, pasteurize,  
 patchiness, paternally, pathfinder, pathogenic, patisserie, patriarchy,  
 patriotism, patronized, patronymic, pawnbroker, peacefully, peacemaker,  
 peccadillo, speculation, peculiarly, pedestrian, pediatrics, pedophilia,  
 pejorative, penetrable, penicillin, peninsular, penitently, penmanship,  
 pennyworth, penologist, pentagonal, pentameter, pentathlon, pentatonic,  
 peppercorn, peppermint, percentage, percentile, perception, perceptive,  
 perceptual, percipient, percolator, percussion, percussive, perdurable,  
 peremptory, perfection, perfidious, perforated, performing, perihelion,  
 perilously, periodical, peripheral, perishable, peritoneal, peritoneum,  
 periwinkle, permafrost, permanence, permanency, permeating, permeation,  
 permission, permissive, pernicious, peroration, peroxidase, perpetrate,  
 perpetuate, perpetuity, perplexing, perplexity, perquisite, persecutor,  
 persiflage, persistent, persisting, personable, personally, personalty,  
 persuasion, persuasive, pertinence, perturbing, perversely, perversion,  
 perversity, pestilence, petitioner, petrifying, petrolatum, petulantly,  
 phantasmal, pharmacist, pharyngeal, phenacetin, phenomenal, phenomenon,  
 philatelic, philistine, philosophy, phlebotomy, phlegmatic, phlogiston,  
 phonograph, phosphoric, phosphorus, photogenic, photograph, photometer,  
 photometry, phrenology, phylactery, physically, physiology, pianissimo,  
 pianoforte, picaresque, piccalilli, pickpocket, pictograph, piercingly,  
 pigeonhole, pilgrimage, pillowcase, pilothouse, pincushion, pinstriped,  
 pistillate, pitilessly, plagiarism, plagiarist, plagiarize, plainchant,  
 plantation, plastering, plasticity, plasticize, playacting, playfellow,  
 playground, playschool, playwright, pleadingly, pleasantly, pleasantry,  
 pleasingly, plebiscite, pliability, plundering, pluperfect, plutocracy,  
 pneumatics, pocketbook, pockmarked, podiatrist, poetically, poignantly,  
 poinsettia, polemicist, politeness, politician, politicize, pollinator,  
 polyatomic, polychrome, polygamist, polygamous, polyhedral, polyhedron,  
 polymerase, polymerize, polynomial, polyphonic, polysemous, polytheism,  
 polytheist, pontifical, popularity, popularize, population, porcupines,  
 porousness, portcullis, portentous, portraying, positional, positively,  
 positivism, positivist, positivity, possession, possessive, posthumous,  
 postmaster, postmodern, postmortem, postpartum, postscript, potbellied,

powerfully, powerhouse, praetorian, pragmatics, pragmatism, pragmatist,  
 prayerbook, preachment, prearrange, prebendary, precarious, precaution,  
 precedence, precession, preciousity, preciously, preclusion, precocious,  
 precursory, predecease, predestine, prediction, predictive, predispose,  
 preeminent, preemption, preemptive, prefecture, preferable, preferably,  
 preference, preferment, prehensile, prehistory, prejudiced, premarital,  
 premedical, prenuptial, prepayment, prepossess, presbyopia, presbytery,  
 prescience, prescribed, presidency, pressingly, pressurize, presumable,  
 presumably, presuppose, pretending, pretension, prettiness, prevailing,  
 prevalence, prevention, preventive, previously, priesthood, priggishly,  
 primordial, principled, prioritize, privileged, prizefight, procedural,  
 proceeding, processing, procession, pro-choice, proclaimed, proclivity,  
 procurable, procurator, prodigally, prodigious, production, productive,  
 professing, profession, proficient, profitable, profitably, profitless,  
 profligacy, profligate, profoundly, profundity, progenitor, prognostic,  
 programing, programmer, prohibited, projectile, projecting, projection,  
 promethium, prominence, promissory, promontory, promptness, promulgate,  
 pronominal, pronounced, propaganda, propagator, propellant, propelling,  
 propensity, propertied, prophetess, propitiate, propitious, proportion,  
 proprietor, propulsion, propulsive, proscenium, prosciutto, proscribed,  
 prosecutor, prospector, prospectus, prospering, prosperity, prosperous,  
 prosthesis, prosthetic, protecting, protection, protective, protestant,  
 protoplasm, protracted, protractor, protruding, protrusion, protrusive,  
 provenance, proverbial, providence, provincial, provisions, prudential,  
 psychiatry, psychology, psychopath, pubescence, publicized, publishing,  
 pugilistic, pugnacious, pulverized, punctually, punishable, punishment,  
 punitively, purchasing, purposeful, purveyance, putrescent, puzzlement,  
 pyramiding, pyrimidine, pyromaniac, quadrangle, quadratics, quadrature,  
 quadriiceps, quadrivium, quadruplet, quaintness, qualifying, quantifier,  
 quarantine, quartering, quaternary, quaternion, queasiness, quenchless,  
 questioner, quickening, quiescence, quintuplet, quirkiness, rabbinical,  
 racecourse, radicalism, radicalize, radiometer, radiophone, radioscopy,  
 ragamuffin, raggedness, railroader, railwayman, rainmaking, rakishness,  
 ramshackle, randomized, randomness, ransacking, rapporteur, rationally,  
 ravenously, ravishment, razzmatazz, reacquaint, reactivate, reactivity,  
 readership, realizable, reallocate, reanimated, reappraise, rearmament,  
 reasonable, reasonably, reasonless, reassemble, reassembly, reassuring,  
 rebellious, rebuilding, rebukingly, receivable, recentness, receptacle,  
 recidivism, recidivist, reciprocal, recitalist, recitation, recitative,  
 recklessly, reclassify, recognized, recommence, recompense, reconciled,  
 reconsider, recounting, recovering, recreation, recuperate, recurrence,  
 recyclable, redecorate, rededicate, redeemable, redemption, redemptive,  
 rediscover, redundancy, reelection, reevaluate, refereeing, referenced,  
 referendum, refinement, reflecting, reflection, reflective, refocusing,

reformable, refraction, refractive, refractory, refreshing, refulgence,  
 refutation, regardless, regenerate, regimental, regimented, regionally,  
 registered, registrant, regression, regressive, regularity, regularize,  
 regulating, regulation, regulative, regulatory, reinforced, rejuvenate,  
 relational, relatively, relativism, relativity, relaxation, relegating,  
 relegation, relentless, relevantly, relinquish, relocation, reluctance,  
 remarkable, remarkably, remarriage, remediable, remissness, remittance,  
 remorseful, remoteness, remunerate, renaissance, rendezvous, renovation,  
 reordering, reorganize, reparation, repatriate, repeatable, repeatedly,  
 repentance, repertoire, repetition, repetitive, rephrasing, reportable,  
 reportedly, reposition, repository, repressing, repression, repressive,  
 reprinting, reproducer, republican, repugnance, repurchase, reputation,  
 reschedule, rescission, researcher, resentment, reservedly, reshipment,  
 resignedly, resilience, resiliency, resistance, resistible, resistless,  
 resolutely, resolution, resolvable, resonating, resorption, resounding,  
 respectful, respecting, respective, respirator, respondent, responsive,  
 restaurant, restlessly, restrained, restrainer, restricted, resumption,  
 resurgence, reticently, retirement, retractile, retraction, retraining,  
 retransmit, retrograde, retrogress, retrospect, retrovirus, returnable,  
 revelation, revelatory, revengeful, reverently, reversible, reversibly,  
 revilement, revitalize, revivalism, revivalist, revocation, revolution,  
 rhapsodize, rhetorical, rheumatism, rheumatoid, rhinestone, rhinoceros,  
 rhomboidal, rhythmical, riboflavin, ridiculous, rightfully, right-wing,  
 rigorously, ringleader, ringmaster, risibility, roadrunner, robustness,  
 rockabilly, rollicking, rotational, rotisserie, rottenness, roughhouse,  
 roundabout, roundhouse, roundtable, roustabout, rubberneck, rudderless,  
 ruefulness, ruggedness, rumination, ruminative, ruthlessly, sabbatical,  
 saccharine, sacerdotal, sacredness, sacrosanct, salamander, salesclerk,  
 saleswoman, salivation, sallowness, salmonella, saltcellar, saltshaker,  
 salubrious, salutation, salutatory, sanatorium, sanctified, sanctimony,  
 sanctioned, sandalwood, sanguinary, sanitarium, sanitation, saprophyte,  
 satisfying, saturation, saturnalia, sauerkraut, savageness, scandalize,  
 scandalous, scantiness, scapegrace, scarceness, scarlatina, scathingly,  
 scattering, scenically, scheduling, schematize, schismatic, scholastic,  
 schoolbook, schooldays, schoolgirl, schoolmarm, schoolmate, schoolroom,  
 schoolwork, schoolyard, scientific, scoreboard, scornfully, scratching,  
 scratchpad, screeching, screenplay, scriptural, scrofulous, scrupulous,  
 scrutineer, scrutinize, sculptress, sculptural, sculptured, scurrility,  
 scurrilous, seamanship, seamstress, seasonable, seasonably, seasonally,  
 secondhand, secondment, secularism, secularist, secularize, sedateness,  
 seductress, sedulously, seemliness, seersucker, segregated, seismogram,  
 seismology, self-abuse, self-aware, self-doubt, selflessly, semiannual,  
 semicircle, seminarian, semiquaver, semiweekly, sempstress, senatorial,  
 senescence, sensitized, sensualist, sensuality, sensuously, sentential,

separately, separation, separatism, separatist, separative, septicemia, septicemic, sepulchral, sequential, serpentine, serviceman, settlement, seventieth, shabbiness, shagginess, shamefaced, shamefully, shantytown, shattering, sheepishly, shibboleth, shiftiness, shillelagh, shipwright, shirtfront, shirtwaist, shockingly, shoddiness, shoestring, shopaholic, shopkeeper, shoplifter, shortbread, shortening, short-term, shouldered, shrewdness, shrillness, shrinkable, shuddering, sidesaddle, sidestroke, sidewinder, silhouette, silkscreen, silverfish, silverware, similarity, similitude, simpleness, simplicity, simplified, simplistic, simulacrum, simulation, sinfulness, singleness, singularly, sinusoidal, sisterhood, skateboard, skepticism, sketchbook, skillfully, skinniness, skirmisher, skittishly, skyscraper, skywriting, slackening, slanderous, slantingly, slatternly, sleaziness, sleepiness, sleepyhead, sleeveless, slightness, slipstream, slithering, sloppiness, sluggishly, slumberous, smattering, smokehouse, smokestack, smoldering, smoothness, smothering, snapdragon, snappishly, sneakiness, sneakingly, sneeringly, snobbishly, snorkeling, snowmobile, snowplough, socialized, soldiering, solicitous, solicitude, solidarity, solidified, solubility, somberness, somersault, somnolence, songstress, songwriter, son-in-law, sonorously, soothingly, soothsayer, sordidness, soundboard, soundproof, soundtrack, sousaphone, southbound, southwards, sou'wester, spacecraft, spaciously, sparseness, spattering, specialism, specialist, specialize, speciously, spectacles, speculator, speechless, speediness, speleology, spellbound, spheroidal, spiritedly, spiritless, spirituous, spirochete, spitefully, splashdown, splattered, splendidly, spoilsport, spokeshave, spoliation, sponginess, spoonerism, sportingly, sportively, sportswear, spotlessly, springlike, springtime, sprinkling, spuriously, sputtering, squandered, squareness, squeezable, stabilized, stabilizer, stablemate, stagecoach, stagecraft, staggering, stagnation, stalactite, stalagmite, stalemated, standpoint, standstill, stargazing, starvation, starveling, statecraft, stationary, stationery, statistics, statuesque, steadiness, steakhouse, stealthily, steelmaker, steelworks, stentorian, stepfather, stepladder, stepmother, stepparent, stepsister, stereotype, sterilized, sterilizer, stertorous, stewardess, stickiness, stiffening, stigmatize, stillbirth, stimulated, stinginess, stirringly, stochastic, stockinged, stodginess, stonemason, storefront, storehouse, storminess, straggling, straighten, strangling, strategics, strategist, stratified, strawberry, streamline, streetwise, strengthen, stretching, strictness, stridently, strikingly, stringency, striptease, stronghold, strongroom, structural, structured, struggling, strychnine, stubbornly, studiously, stuffiness, stunningly, stupefying, stupendous, sturdiness, subcompact, subculture, subduction, subheading, subjection, subjective, subjoining, subjugated, sublimated, subliminal, submariner, submerging, submersion, submission, submissive, suborbital, subprogram, subroutine, subscribed, subscriber, subsection, subsequent, subsidence,



subsidiary, subsidized, subspecies, substation, substitute, substratum,  
 subsurface, subterfuge, subtrahend, subtropics, subvention, subversion,  
 subversive, succeeding, successful, succession, successive, succinctly,  
 succulence, suddenness, sufferance, sufficient, suffragist, suggestion,  
 suggestive, sullenness, sultriness, summertime, sunglasses, supercargo,  
 supergrass, superhuman, supermodel, superpower, supersonic, supervised,  
 supervisor, supertime, supplement, suppleness, supplicant, supplicate,  
 supporting, supportive, supposedly, suppressed, suppressor, surefooted,  
 surfactant, surgically, surmounted, surpassing, surprising, surrealism,  
 surrealist, surrounded, suspension, suspicious, sustenance, suzerainty,  
 swaggering, swaybacked, sweatpants, sweatshirt, sweepingly, sweetbread,  
 sweetbrier, sweetening, sweetheart, sweltering, swimmingly, sycophancy,  
 symbolical, sympathize, syncopated, synonymous, synthesize, syphilitic,  
 systematic, tabernacle, tablecloth, tablespoon, tabulation, tachograph,  
 tachometer, tactically, tactlessly, talebearer, talentless, tambourine,  
 tangential, tantamount, tarantella, tarmacadam, taskmaster, tastefully,  
 tattletale, tauntingly, tawdriness, taxonomist, tearjerker, technetium,  
 technician, technocrat, technology, teetotaler, telegraphy, telepathic,  
 telephonic, telescoped, telescopic, television, temperance, temporally,  
 temptation, temptingly, tenability, tenderfoot, tenderized, tenderizer,  
 tenderloin, tenderness, tendinitis, terminable, terminally, terminated,  
 terminator, terrifying, terrycloth, tessellate, testicular, tetrameter,  
 thankfully, theatrical, themselves, theocratic, theodolite, theologian,  
 thereabout, thereafter, thereunder, thermionic, thermistor, thermostat,  
 thickening, thimbleful, thirteenth, thoroughly, thoughtful, thousandth,  
 threadbare, threadlike, threatened, threepence, threepenny, threescore,  
 thriftless, thrombosis, throttling, throughout, throughput, thumbprint,  
 thumbscrew, thundering, thunderous, tiebreaker, tightening, timberland,  
 timberline, timekeeper, timeliness, timeserver, timorously, tirelessly,  
 tiresomely, titillated, tolerantly, toleration, tomfoolery, tomography,  
 tonelessly, tongueless, toothbrush, toothpaste, topicality, topography,  
 torchlight, torrential, tortellini, tortuously, touchiness, touchingly,  
 touchstone, tourmaline, tournament, tourniquet, toxicology, trafficker,  
 tragically, tragicomic, traitorous, trajectory, trampoline, tranquilly,  
 transactor, transcribe, transcript, transducer, transferee, transfixed,  
 transgress, transience, transiency, transistor, transition, transitive,  
 transitory, translator, transplant, transpolar, transposed, transverse,  
 traumatize, travelogue, treasonous, tremendous, trenchancy, trespasser,  
 triangular, trickiness, trilateral, trilingual, trillionth, tripartite,  
 triplicate, triumphant, triviality, trivialize, troglodyte, trolleybus,  
 trombonist, tropically, tropopause, troubadour, truculence, truncation,  
 trustfully, trustingly, truthfully, tubercular, tuberculin, tumbleweed,  
 tumescence, tumultuous, tunelessly, turbulence, turnaround, turnbuckle,  
 turpentine, turtledove, turtleneck, typescript, typesetter, typewriter,

typicality, typography, tyrannical, ubiquitous, ulceration, ultimately,  
 ultrasonic, ultrasound, umbrageous, unabridged, unaccented, unaccepted,  
 unadjusted, unaffected, unanswered, unapparent, unarguable, unarguably,  
 unassigned, unassisted, unassuming, unattached, unattended, unavailing,  
 unawakened, unbalanced, unbaptized, unbearable, unbearably, unbeatable,  
 unbecoming, unbeliever, unbleached, unblinking, unblushing, unburdened,  
 unbuttoned, uncensored, unchanging, uncombined, uncommonly, unconfined,  
 unconfused, unconsumed, uncovering, uncreative, uncritical, unctuously,  
 uncultured, undeceived, undeclared, undefeated, undefended, undeniable,  
 undeniably, underbelly, underbrush, underclass, undercover, underframe,  
 underlying, underneath, underpants, underscore, undershirt, undershoot,  
 undersized, underskirt, underspend, understand, understatement, understood,  
 understudy, undertaker, undervalue, underwater, underworld, underwrite,  
 undeserved, undetected, undeterred, undigested, undirected, undismayed,  
 undisputed, undramatic, undulation, uneasiness, uneconomic, unedifying,  
 uneducated, unemphatic, unemployed, unenclosed, unenforced, unenviable,  
 unequipped, unerringly, unevenness, uneventful, unexact, unexampled,  
 unexciting, unexpected, unexploded, unexplored, unfairness, unfaithful,  
 unfamiliar, unfastened, unfathomed, unfeasible, unfeminine, unfettered,  
 unfinished, unflagging, unflavored, unforeseen, unfriendly, unfruitful,  
 ungenerous, ungoverned, ungraceful, ungracious, ungrateful, ungrudging,  
 unhallowed, unhampered, unhardened, unheralded, unhindered, unholiness,  
 unhygienic, unicameral, uniformity, unilateral, unimagined, unimpaired,  
 unimposing, unimproved, uninfected, uninformed, uninspired, unintended,  
 uninviting, uninvolved, uniqueness, university, unjustness, unkindness,  
 unknowable, unladylike, unlamented, unlawfully, unleavened, unlettered,  
 unlicensed, unlikeable, unlikeness, unmannerly, unmeasured, unmediated,  
 unmerciful, unmodified, unmolested, unnameable, unnumbered, unobserved,  
 unoccupied, unofficial, unoriginal, unorthodox, unplayable, unpleasant,  
 unpleasing, unploughed, unpolished, unpolluted, unprepared, unprompted,  
 unprovable, unprovoked, unpunctual, unpunished, unreadable, unrealized,  
 unrecorded, unredeemed, unreformed, unreleased, unreliable, unreliably,  
 unrelieved, unremarked, unreported, unrequited, unreserved, unresolved,  
 unrevealed, unrewarded, unromantic, unruliness, unsaleable, unsanitary,  
 unschooled, unscramble, unscripted, unseasoned, unselected, unshackled,  
 unshakable, unshakably, unsheathed, unshielded, unsinkable, unskillful,  
 unsociable, unsolvable, unspecific, unsporting, unsteadily, unstinting,  
 unstressed, unsuitable, unsuitably, unswerving, untalented, untangling,  
 untempered, untenanted, untethered, unthinking, untidiness, untraveled,  
 untroubled, untruthful, unverified, unwavering, unwearable, unworkable,  
 unworthily, unwrinkled, unyielding, upbraiding, upbringing, upholstery,  
 uproarious, upstanding, up-to-date, urethritis, urinalysis, urogenital,  
 usefulness, usurpation, utilizable, vacationer, vaccinated, validating,  
 validation, valorously, vanquisher, variegated, vaudeville, vegetarian,

vegetation, vegetative, vehemently, velocipede, venerating, veneration,  
 vengefully, venomously, ventilated, ventilator, verbalized, verifiable,  
 vermicelli, vernacular, vertebrate, vertically, vesiculate, vestibular,  
 veterinary, vibraphone, vicegerent, victimized, victorious, viewfinder,  
 vigilantly, vigorously, villainous, villeinage, vindicated, vindicator,  
 vindictive, virologist, virtuosity, virtuously, virulently, visceraally,  
 viscometer, viscountcy, visibility, visitation, visualized, visualizer,  
 vitalizing, vituperate, viviparous, vocabulary, vocalizing, vocational,  
 vociferate, vociferous, volatility, volatilize, volitional, volleyball,  
 volubility, volumetric, voluminous, voluptuary, voluptuous, vulcanized,  
 vulnerable, vulnerably, wainscoted, wallflower, wanderlust, wantonness,  
 wastefully, watchfully, watchmaker, watchtower, waterborne, watercolor,  
 watercraft, watercress, waterfront, wateriness, watermelon, waterproof,  
 waterspout, watertight, waterwheel, waterworks, wavelength, weaponless,  
 weatherman, weedkiller, weightless, wellspring, well-to-do, westernize,  
 whatsoever, wheelchair, wheelhouse, whensoever, whirlybird, whispering,  
 whitewater, wholesaler, whomsoever, wickedness, wickerwork, widespread,  
 wildcatter, wildebeest, wilderness, wildflower, windburned, windflower,  
 windjammer, windowpane, windowsill, windscreen, windshield, wingspread,  
 wintertime, witchcraft, witch-hunt, withdrawal, wonderland, wonderment,  
 wondrously, woodcarver, woodcutter, woodenness, woodpecker, woodworker,  
 wordlessly, workaholic, workbasket, workingman, worryingly, worshipful,  
 worthiness, worthwhile, wraparound, wrathfully, wretchedly, wristwatch,  
 wrongdoing, wrongfully, xenophobia, xenophobic, xerography, yardmaster,  
 yearningly, year-round, yellowness, yesteryear, youthfully, zoological}