

Looks good but see minor issues on pp. 2, 6, and 11.

9.5 /10

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 |

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|   |
|---|
| 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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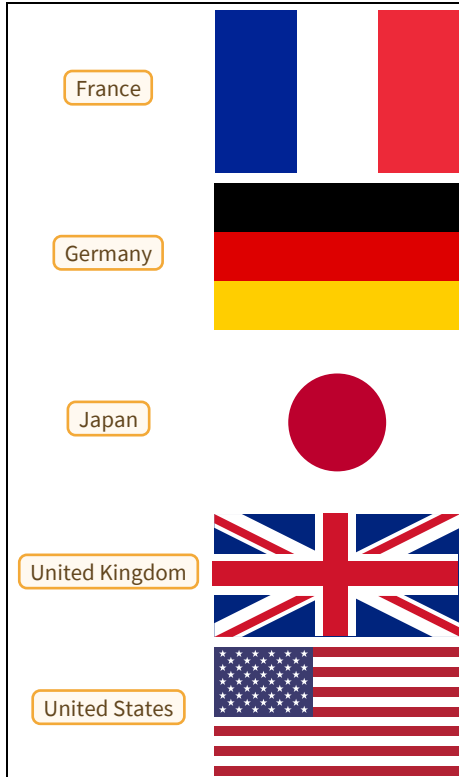
|   |
|---|
| z |
|---|

}
```

In[116]:=

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

Out[116]=

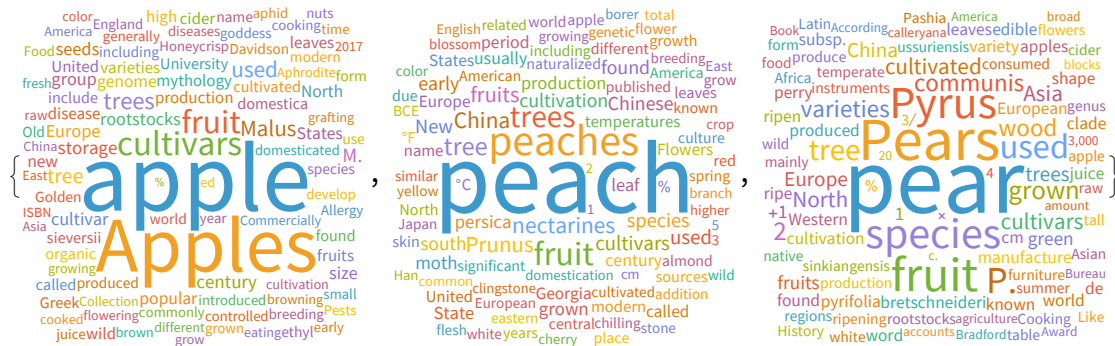


You didn't get the framing quite right. See my solution.

In[117]:=

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

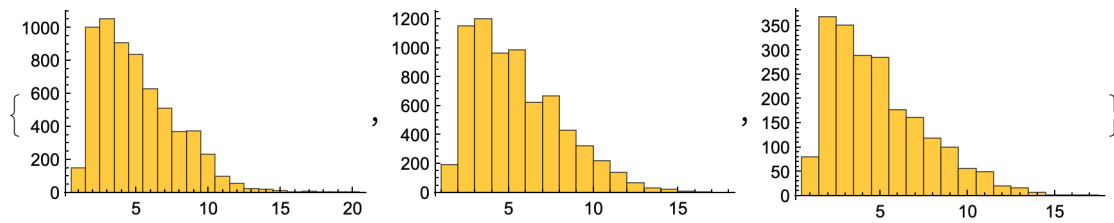
Out[117]=



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]
```

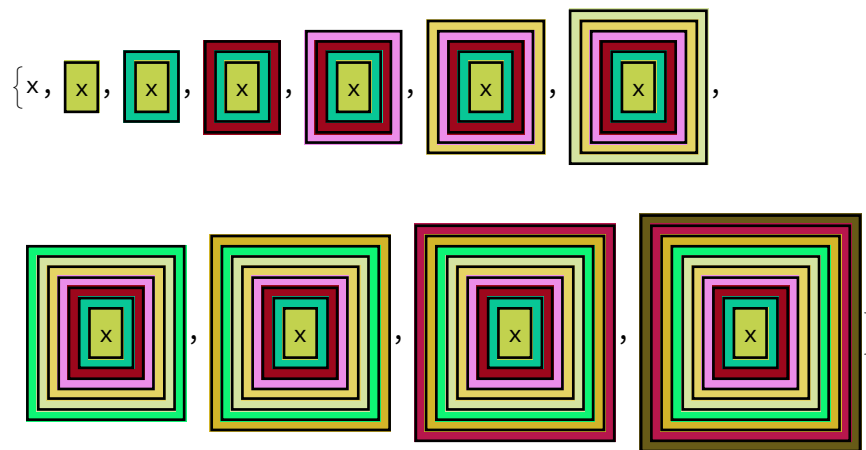
Out[120]=

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

In[121]:=

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

Out[121]=

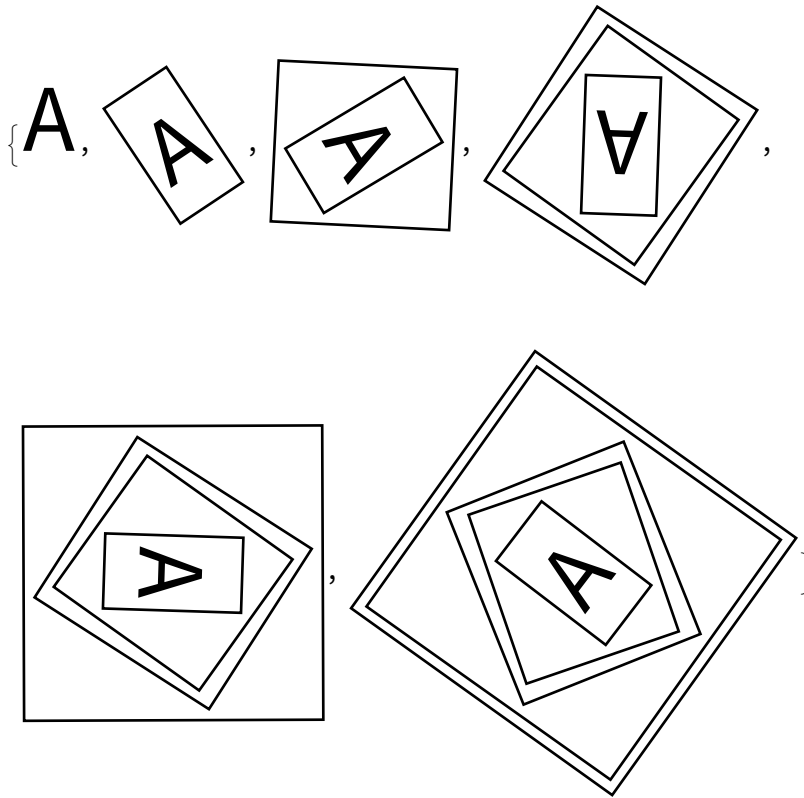


You need to include the conversion to degrees.
Your solution is rotations by up to 360 radians!

In[122]:=

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

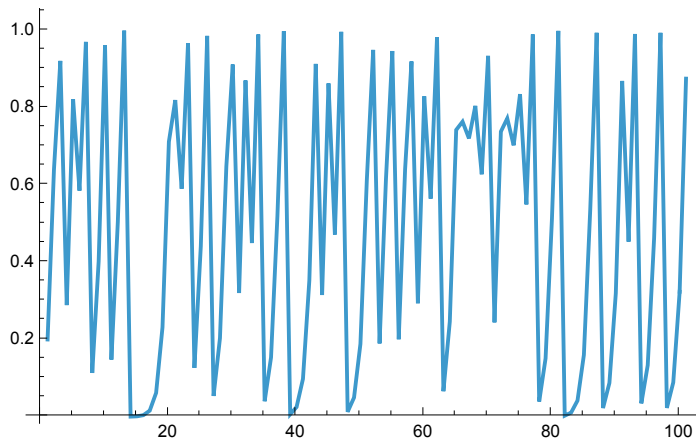
Out[122]=



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]

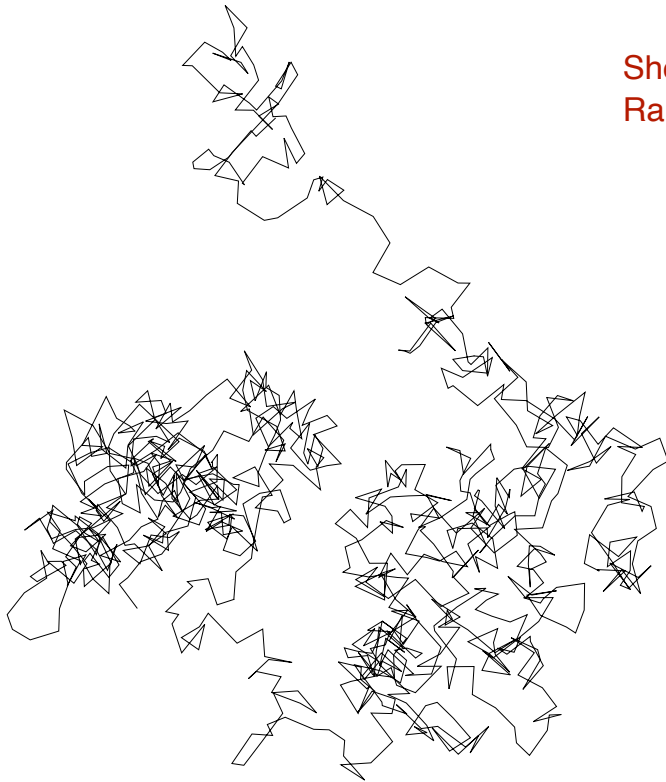
Out[126]=

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

In[127]:=

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

Out[127]=



Should include 0 as a choice in
`RandomReal[{-1,0,1},2]`

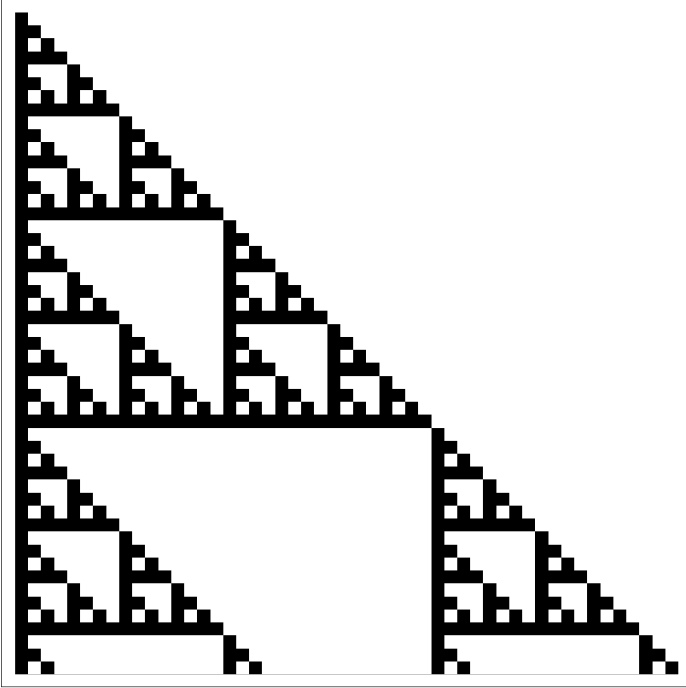
In[128]:=

```

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

```

Out[128]=



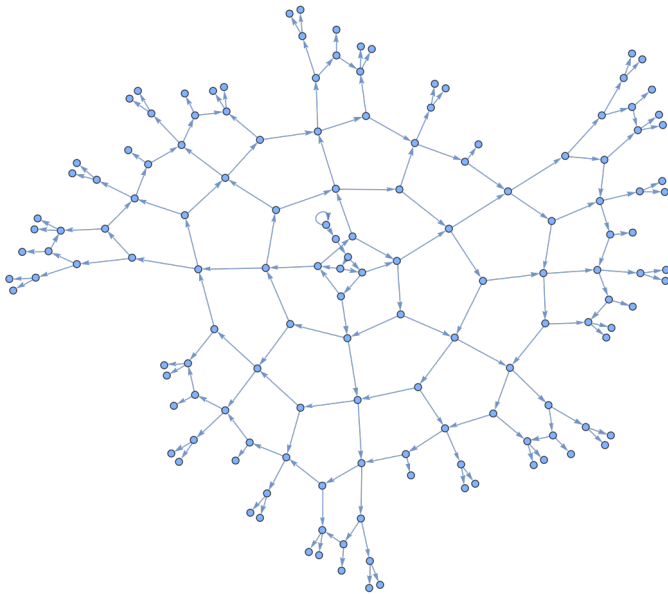
In[129]:=

```

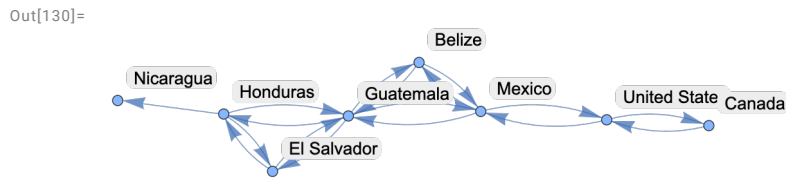
NestGraph[{# + 1, 2 #} &, 0, 10]

```

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,
```

You are getting a very long list because
he also wanted the letter numbers to add up to 100
and you didn't test for that.

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, architrave, 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}