

Generate a bip39 passphrase using a coin and four standard 6 sided dice.
 Generate each of the words by flipping the coin (1/h) and rolling the dice (1-6).
 Consistently and fairly, to avoid bias, arrange the dice in order left to right.
 Look up the result in the attached table. If you flip tails and get a dice value larger than 4362 then you will have to flip+roll over again. After you are finished all 12 words, the last word may need adjustment in order to meet the checksum.
 Using a bip39 wallet try each of the words in the block of 16 that the last word is found inside; one and only one word will work from the group.
 You have now generated a bip39 compliant wallet using manual entropy!

h1111 abandon
 h1112 ability
 h1113 able
 h1114 about
 h1115 above
 h1116 absent
 h1121 absorb
 h1122 abstract
 h1123 absurd
 h1124 abuse
 h1125 access
 h1126 accident
 h1131 account
 h1132 accuse
 h1133 achieve
 h1134 acid
 h1135 acoustic
 h1136 acquire
 h1141 across
 h1142 act
 h1143 action
 h1144 actor
 h1145 actress
 h1146 actual
 h1151 adapt
 h1152 add
 h1153 addict
 h1154 address
 h1155 adjust
 h1156 admit
 h1161 adult
 h1162 advance
 h1163 advice
 h1164 aerobic
 h1165 affair
 h1166 afford
 h1211 afraid
 h1212 again
 h1213 age
 h1214 agent
 h1215 agree
 h1216 ahead
 h1221 aim
 h1222 air
 h1223 airport
 h1224 aisle
 h1225 alarm
 h1226 album
 h1231 alcohol
 h1232 alert
 h1233 alien
 h1234 all
 h1235 alley
 h1236 allow
 h1241 almost
 h1242 alone
 h1243 alpha
 h1244 already
 h1245 also
 h1246 alter
 h1251 always
 h1252 amateur
 h1253 amazing
 h1254 among
 h1255 amount
 h1256 amused
 h1261 analyst
 h1262 anchor
 h1263 ancient
 h1264 anger
 h1265 angle
 h1266 angry
 h1311 animal
 h1312 ankle
 h1313 announce
 h1314 annual
 h1315 another
 h1316 answer
 h1321 antenna
 h1322 antique
 h1323 anxiety
 h1324 any
 h1325 apart
 h1326 apology
 h1331 appear
 h1332 apple
 h1333 approve
 h1334 april
 h1335 arch
 h1336 arctic
 h1341 area
 h1342 arena
 h1343 argue
 h1344 arm
 h1345 armed
 h1346 armor
 h1351 army
 h1352 around
 h1353 arrange
 h1354 arrest
 h1355 arrive
 h1356 arrow
 h1361 art
 h1362 artefact
 h1363 artist
 h1364 artwork
 h1365 ask
 h1366 aspect
 h1411 assault
 h1412 asset
 h1413 assist
 h1414 assume
 h1415 asthma
 h1416 athlete
 h1421 atom
 h1422 attack
 h1423 attend
 h1424 attitude
 h1425 attract
 h1426 auction
 h1431 audit
 h1432 august
 h1433 aunt
 h1434 author
 h1435 auto
 h1436 autumn
 h1441 average
 h1442 avocado
 h1443 avoid
 h1444 awake
 h1445 aware
 h1446 away
 h1451 awesome
 h1452 awful
 h1453 awkward
 h1454 axis
 h1455 baby
 h1456 bachelor
 h1461 bacon
 h1462 badge
 h1463 bag
 h1464 balance
 h1465 balcony
 h1466 ball
 h1511 bamboo
 h1512 banana
 h1513 banner
 h1514 bar
 h1515 barely
 h1516 bargain
 h1521 barrel
 h1522 base
 h1523 basic
 h1524 basket
 h1525 battle
 h1526 beach
 h1531 bean
 h1532 beauty
 h1533 because
 h1534 become
 h1535 beef
 h1536 before
 h1541 begin
 h1542 behave
 h1543 behind
 h1544 believe
 h1545 below
 h1546 belt
 h1551 bench
 h1552 benefit
 h1553 best
 h1554 betray
 h1555 better
 h1556 between
 h1561 beyond
 h1562 bicycle
 h1563 bid
 h1564 bike
 h1565 bind
 h1566 biology
 h1611 bird
 h1612 birth
 h1613 bitter
 h1614 black
 h1615 blade
 h1616 blame
 h1621 blanket
 h1622 blast
 h1623 bleak
 h1624 bless
 h1625 blind
 h1626 blood
 h1631 blossom
 h1632 blouse
 h1633 blue
 h1634 blur
 h1635 blush
 h1636 board
 h1641 boat
 h1642 body
 h1643 boil
 h1644 bomb
 h1645 bone
 h1646 bonus
 h1651 book
 h1652 boost
 h1653 border
 h1654 boring
 h1655 borrow
 h1656 boss
 h1661 bottom
 h1662 bounce
 h1663 box
 h1664 boy
 h1665 bracket
 h1666 brain
 h2111 brand
 h2112 brass
 h2113 brave
 h2114 bread
 h2115 breeze
 h2116 brick
 h2121 bridge
 h2122 brief
 h2123 bright
 h2124 bring
 h2125 brisk
 h2126 broccoli
 h2131 broken
 h2132 brozen
 h2133 broom
 h2134 brother
 h2135 brown
 h2136 brush
 h2141 bubble
 h2142 buddy
 h2143 budget
 h2144 buffalo
 h2145 build
 h2146 bulb
 h2151 bulk
 h2152 bullet
 h2153 bundle
 h2154 bunker
 h2155 burden
 h2156 burger
 h2161 burst
 h2162 bus
 h2163 business
 h2164 busy
 h2165 butter
 h2166 buyer
 h2211 buzz
 h2212 cabbage
 h2213 cabin
 h2214 cable
 h2215 cactus
 h2216 cage
 h2221 cake
 h2222 call
 h2223 calm
 h2224 camera
 h2225 camp
 h2226 can
 h2231 canal
 h2232 cancel
 h2233 candy
 h2234 cannon
 h2235 canoe
 h2236 canvas
 h2241 canyon
 h2242 capable
 h2243 capital
 h2244 captain
 h2245 car
 h2246 carbon
 h2252 cargo
 h2253 carpet
 h2254 carry
 h2255 cart
 h2256 case
 h2261 cash
 h2262 casino
 h2263 castle
 h2264 casual
 h2265 cat
 h2266 catalog
 h2312 category
 h2313 cattle
 h2314 caught
 h2315 cause
 h2316 caution
 h2321 cave
 h2322 ceiling
 h2323 celery
 h2324 cement
 h2325 census
 h2326 century
 h2331 cereal
 h2332 certain
 h2333 chair
 h2334 chalk
 h2335 champion
 h2336 change
 h2341 chaos
 h2342 chapter
 h2343 charge
 h2344 chase
 h2345 chat
 h2346 cheap
 h2351 check
 h2352 cheese
 h2353 chef
 h2354 cherry
 h2355 chest
 h2356 chicken
 h2361 chief
 h2362 child
 h2363 chimney
 h2364 choice
 h2365 choose
 h2366 chronic
 h2411 chuckle
 h2412 chunk
 h2413 churn
 h2414 cigar
 h2415 cinnamon
 h2416 circle
 h2421 citizen
 h2422 city
 h2423 civil
 h2424 claim
 h2425 clap
 h2426 clarify
 h2431 claw
 h2432 clay
 h2433 clean
 h2434 clerk
 h2435 clever
 h2436 click
 h2441 client
 h2442 cliff
 h2443 climb
 h2444 clinic
 h2445 clip
 h2446 clock
 h2451 clog
 h2452 close
 h2453 cloth
 h2454 cloud
 h2455 clown
 h2456 club
 h2461 clump
 h2462 cluster
 h2463 clutch
 h2464 coach
 h2465 coast
 h2466 coconut
 h2511 code
 h2512 coffee
 h2513 coil
 h2514 coin
 h2515 collect
 h2516 color
 h2521 column
 h2522 combine
 h2523 come
 h2524 comfort
 h2525 comic
 h2526 common
 h2531 company
 h2532 concert
 h2533 conduct
 h2534 confirm
 h2535 congress
 h2536 connect
 h2541 consider
 h2542 control
 h2543 convince
 h2544 cook
 h2545 cool
 h2546 copper
 h2551 copy
 h2552 coral
 h2553 core
 h2554 corn
 h2555 correct
 h2556 cost
 h2561 cotton
 h2562 couch
 h2563 country
 h2564 couple
 h2565 course
 h2566 cousin
 h2611 cover
 h2612 coyote
 h2613 crack
 h2614 cradle
 h2615 craft
 h2616 cram
 h2621 crane
 h2622 crash
 h2623 crater
 h2624 crawl
 h2625 crazy
 h2626 cream
 h2631 credit
 h2632 creek
 h2633 crew
 h2634 cricket
 h2635 crime
 h2636 crisp
 h2641 critic
 h2642 crop
 h2643 cross
 h2644 crouch
 h2645 crowd
 h2646 crucial
 h2651 cruel
 h2652 cruise
 h2653 crumble
 h2654 crunch
 h2655 crush
 h2656 cry
 h2661 crystal
 h2662 cube
 h2663 culture
 h2664 cup
 h2665 cupboard
 h2666 curious
 h3111 current
 h3112 curtain
 h3113 curve
 h3114 cushion
 h3115 custom
 h3116 cute
 h3121 cycle
 h3122 dad
 h3123 damage
 h3124 damp
 h3125 dance
 h3126 danger
 h3131 daring
 h3132 dash
 h3133 daughter
 h3134 dawn
 h3135 day
 h3136 deal
 h3141 debate
 h3142 debris
 h3143 decade
 h3144 december
 h3145 decide
 h3146 decline
 h3151 decorate
 h3152 decrease
 h3153 deer
 h3154 defense
 h3155 define
 h3156 defy
 h3161 degree
 h3162 delay
 h3163 deliver
 h3164 demand
 h3165 demise
 h3166 denial
 h3211 dentist
 h3212 deny
 h3213 depart
 h3214 depend
 h3215 deposit
 h3216 depth
 h3221 deputy
 h3222 derive
 h3223 describe
 h3224 desert
 h3225 design
 h3226 desk
 h3231 despair
 h3232 destroy
 h3233 detail
 h3234 detect
 h3235 develop
 h3236 device
 h3241 devote
 h3242 diagram
 h3243 dial
 h3244 diamond
 h3245 diary
 h3246 dice
 h3251 diesel
 h3252 diet
 h3253 differ
 h3254 digital
 h3255 dignity
 h3256 dilemma
 h3261 dinner
 h3262 dinosaur
 h3263 direct
 h3264 dirt
 h3265 disagree
 h3266 discover
 h3311 disease
 h3312 dish
 h3313 dismiss
 h3314 disorder
 h3315 display
 h3316 distance
 h3321 divert
 h3322 divide
 h3323 divorce
 h3324 dizzy
 h3325 doctor
 h3326 document
 h3331 dog
 h3332 doll
 h3333 dolphin
 h3334 domain
 h3335 donate
 h3336 donkey
 h3341 donor
 h3342 door
 h3343 dose
 h3344 double
 h3345 dove
 h3346 draft
 h3351 dragon
 h3352 drama
 h3353 drastic
 h3354 draw
 h3355 dream
 h3356 dress
 h3361 drift
 h3362 drill
 h3363 drink
 h3364 drip
 h3365 drive
 h3366 drop
 h3411 drum
 h3412 dry
 h3413 duck
 h3414 dumb
 h3415 dune
 h3416 during
 h3421 dust
 h3422 dutch
 h3423 duty
 h3424 dwarf
 h3425 dynamic
 h3426 eager
 h3431 eagle
 h3432 early
 h3433 earn
 h3434 earth
 h3435 easily
 h3436 east
 h3441 easy
 h3442 echo
 h3443 ecology
 h3444 economy
 h3445 edge
 h3446 edit
 h3451 educate
 h3452 effort
 h3453 egg
 h3454 eight
 h3455 either
 h3456 elbow
 h3461 elder
 h3462 electric
 h3463 elegant
 h3464 element
 h3465 elephant
 h3466 elevator
 h3511 elite
 h3512 else
 h3513 embark
 h3514 embody
 h3515 embrace
 h3516 emerge
 h3521 emotion
 h3522 employ
 h3523 empower
 h3524 empty
 h3525 enable
 h3526 enact
 h3531 end
 h3532 endless
 h3533 endorse
 h3534 enemy
 h3535 energy
 h3536 enforce
 h3541 engage
 h3542 engine
 h3543 enhance
 h3544 enjoy
 h3545 enlist
 h3546 enough
 h3551 enrich
 h3552 enroll
 h3553 ensure
 h3554 enter
 h3555 entire
 h3556 entry
 h3561 envelope
 h3562 episode
 h3563 equal
 h3564 equip
 h3565 era
 h3566 erase
 h3611 erode
 h3612 erosion
 h3613 error
 h3614 erupt
 h3615 escape
 h3616 essay
 h3621 essence
 h3622 estate
 h3623 eternal
 h3624 ethics
 h3625 evidence
 h3626 evil
 h3631 evoke
 h3632 evolve
 h3633 exact
 h3634 example
 h3635 excess
 h3636 exchange
 h3641 excite
 h3642 exclude
 h3643 excuse
 h3644 execute
 h3645 exercise
 h3646 exhaust
 h3651 exhibit
 h3652 exile
 h3653 exist
 h3654 exit
 h3655 exotic
 h3656 expand
 h3661 expect
 h3662 expire
 h3663 explain
 h3664 expose
 h3665 express
 h3666 extend
 h4111 extra
 h4112 eye
 h4113 eyebrow
 h4114 fabric
 h4115 face
 h4116 faculty
 h4121 fade
 h4122 faint
 h4123 faith
 h4124 fall
 h4125 false
 h4126 fame
 h4131 family
 h4132 famous
 h4133 fan
 h4134 fancy
 h4135 fantasy
 h4136 farm
 h4141 fashion
 h4142 fat
 h4143 fatal
 h4144 father
 h4145 fatigue
 h4146 fault
 h4151 favorite
 h4152 feature
 h4153 february
 h4154 federal
 h4155 fee
 h4156 feed
 h4161 feel
 h4162 female
 h4163 fence
 h4164 festival
 h4165 fetch
 h4166 fever
 h4211 few
 h4212 fiber
 h4213 fiction
 h4214 field
 h4215 figure
 h4216 file
 h4221 film
 h4222 filter
 h4223 final
 h4224 find
 h4225 fine
 h4226 finger
 h4231 finish
 h4232 fire
 h4233 firm
 h4234 first
 h4235 fiscal
 h4236 fish
 h4241 fit
 h4242 fitness
 h4243 fix
 h4244 flag
 h4245 flame
 h4246 flash
 h4251 flat
 h4252 flavor
 h4253 flee
 h4254 flight
 h4255 flip
 h4256 float
 h4261 flock
 h4262 floor
 h4263 flower
 h4264 fluid
 h4265 flush
 h4266 fly
 h4311 foam
 h4312 focus
 h4313 fog
 h4314 foil
 h4315 fold
 h4316 follow
 h4321 food
 h4322 foot
 h4323 force
 h4324 forest
 h4325 forget
 h4326 fork
 h4331 fortune
 h4332 forum
 h4333 forward
 h4334 fossil
 h4335 foster
 h4336 found
 h4341 fox
 h4342 fragile
 h4343 frame
 h4344 frequent
 h4345 fresh
 h4346 friend
 h4351 fringe
 h4352 frog
 h4353 front
 h4354 frost
 h4355 frown
 h4356 frozen
 h4361 fruit
 h4362 fuel
 h4363 fun
 h4364 funny

h4365 furnace	h4651 hedgehog	h5333 item	h5615 loan	h6261 monster	h6543 oppose	t1225 pond	t1511 reduce
h4366 fury	h4652 height	h5334 ivory	h5616 lobster	h6262 month	h6544 option	<u>t1226 pony</u>	t1512 reflect
h4411 future	h4653 hello	h5335 jacket	h5621 local	h6263 moon	h6545 orange	t1231 pool	t1513 reform
h4412 gadget	h4654 helmet	h5336 jaguar	h5622 lock	h6264 moral	<u>h6546 orbit</u>	t1232 popular	t1514 refuse
h4413 gain	h4655 help	h5341 jar	h5623 logic	h6265 more	h6551 orchard	t1233 portion	t1515 region
h4414 galaxy	h4656 hen	h5342 jazz	h5624 lonely	<u>h6266 morning</u>	h6552 order	t1234 position	t1516 regret
h4415 gallery	h4661 hero	h5343 jealous	h5625 long	h6311 mosquito	h6553 ordinary	t1235 possible	t1521 regular
h4416 game	h4662 hidden	h5344 jeans	<u>h5626 loop</u>	h6312 mother	h6554 organ	t1236 post	t1522 reject
h4421 gap	h4663 high	h5345 jelly	h5631 lottery	h6313 motion	h6555 orient	t1241 potato	t1523 relax
h4422 garage	h4664 hill	<u>h5346 jewel</u>	h5632 lode	h6314 motor	h6556 original	t1242 pottery	t1524 release
h4423 garbage	h4665 hint	h5351 job	h5633 lounge	h6315 mountain	h6561 orphan	t1243 poverty	t1525 relief
h4424 garden	<u>h4666 hip</u>	h5352 join	h5634 love	h6316 mouse	h6562 ostrich	t1244 powder	t1526 rely
h4425 garlic	h5111 hire	h5353 joke	h5635 loyal	h6321 move	h6563 other	t1245 power	t1531 remain
<u>h4426 garment</u>	h5112 history	h5354 journey	h5636 lucky	h6322 movie	h6564 outdoor	t1246 practice	t1532 remember
h4431 gas	h5113 hobby	h5355 joy	h5641 luggage	h6323 much	h6565 outer	t1251 praise	t1533 remind
h4432 gasp	h5114 hockey	h5356 judge	h5642 lumber	h6324 muffin	h6566 output	t1252 predict	<u>t1534 remove</u>
h4433 gate	h5115 hold	h5361 juice	h5643 lunar	h6325 mule	h6611 outside	t1253 prefer	t1535 render
h4434 gather	h5116 hole	h5362 jump	h5644 lunch	h6326 multiply	h6612 oval	<u>t1254 prepare</u>	t1536 renew
h4435 gauge	h5121 holiday	h5363 jungle	h5645 luxury	h6331 muscle	h6613 oven	t1255 present	t1541 rent
h4436 gaze	h5122 hollow	h5364 junior	h5646 lyrics	h6332 museum	<u>h6614 over</u>	t1256 pretty	t1542 reopen
h4441 general	h5123 home	h5365 junk	h5651 machine	h6333 mushroom	h6615 own	t1261 prevent	t1543 repair
h4442 genius	h5124 honey	h5366 just	h5652 mad	<u>h6334 music</u>	h6616 owner	t1262 price	t1544 repeat
h4443 genre	h5125 hood	h5411 kangaroo	h5653 magic	h6335 must	h6621 oxygen	t1263 pride	t1545 replace
h4444 gentle	h5126 hope	h5412 keen	<u>h5654 magnet</u>	h6336 mutual	h6622 oyster	t1264 primary	t1546 report
h4445 genuine	h5131 horn	h5413 keep	h5655 maid	h6341 myself	h6623 ozone	t1265 print	t1551 require
h4446 gesture	h5132 horror	<u>h5414 ketchup</u>	h5656 mail	h6342 mystery	h6624 pact	t1266 priority	t1552 rescue
h4451 ghost	h5133 horse	h5415 key	h5661 main	h6343 myth	h6625 paddle	t1311 prison	t1553 resemble
h4452 giant	<u>h5134 hospital</u>	h5416 kick	h5662 major	h6344 naiv	h6626 page	t1312 private	t1554 resist
h4453 gift	h5135 host	h5421 kid	h5663 make	h6345 name	h6631 pair	t1313 prize	t1555 resource
<u>h4454 giggle</u>	h5136 hotel	h5422 kidney	h5664 mammal	h6346 napkin	h6632 palace	t1314 problem	t1556 response
h4455 ginger	h5141 hour	h5423 kind	h5665 man	h6351 narrow	h6633 palm	t1315 process	t1561 result
h4456 giraffe	h5142 hover	h5424 kingdom	h5666 manage	h6352 nasty	h6634 panda	t1316 produce	<u>t1562 retire</u>
h4461 girl	h5143 hub	h5425 kiss	h6111 mandate	h6353 nation	h6635 panel	t1321 profit	t1563 retreat
h4462 give	h5144 huge	h5426 kit	h6112 mango	h6354 nature	h6636 panic	<u>t1322 program</u>	t1564 return
h4463 glad	h5145 human	h5431 kitchen	h6113 mansion	h6355 near	h6641 panther	t1323 project	t1565 reunion
h4464 glance	h5146 humble	h5432 kite	h6114 manual	h6356 neck	<u>h6642 paper</u>	t1324 promote	t1566 reveal
h4465 glare	h5151 humor	h5433 kitten	h6115 maple	h6361 need	h6643 parade	t1325 proof	t1611 review
h4466 glass	h5152 hundred	h5434 kiwi	h6116 marble	<u>h6362 negative</u>	h6644 parent	t1326 property	t1612 reward
h4511 glide	h5153 hungry	h5435 knee	h6121 march	h6363 neglect	h6645 park	t1331 prosper	t1613 rhythm
h4512 glimpse	h5154 hunt	h5436 knife	<u>h6122 margin</u>	h6364 neither	h6646 parrot	t1332 protect	t1614 rib
h4513 globe	h5155 hurdle	h5441 knock	h6123 marine	h6365 nephew	h6651 party	t1333 proud	t1615 ribbon
h4514 gloom	h5156 hurry	<u>h5442 know</u>	h6124 market	h6366 nerve	h6652 pass	t1334 provide	t1616 rice
h4515 glory	h5161 hurt	h5443 lab	h6125 marriage	h6411 nest	h6653 patch	t1335 public	t1621 rich
h4516 glove	<u>h5162 husband</u>	h5444 label	h6126 mask	h6412 net	h6654 path	t1336 pudding	t1622 ride
h4521 glow	h5163 hybrid	h5445 labor	h6131 mass	h6413 network	h6655 patient	t1341 pull	t1623 ridge
<u>h4522 glue</u>	h5164 ice	h5446 ladder	h6132 master	h6414 neutral	h6656 patrol	t1342 pulp	t1624 rifle
h4523 goat	h5165 icon	h5451 lady	h6133 match	h6415 never	h6661 pattern	t1343 pulse	t1625 right
h4524 goddess	h5166 idea	h5452 lake	h6134 material	h6416 news	h6662 pause	t1344 pumpkin	<u>t1626 rigid</u>
h4525 gold	h5211 identify	h5453 lamp	h6135 math	h6421 next	h6663 pave	t1345 punch	t1631 ring
h4526 good	h5212 idle	h5454 language	h6136 matrix	h6422 nice	h6664 payment	<u>t1346 pupil</u>	t1632 riot
h4531 goose	h5213 ignore	h5455 laptop	h6141 matter	h6423 night	h6665 peace	t1351 puppy	t1633 ripple
h4532 gorilla	h5214 ill	h5456 large	h6142 maximum	h6424 noble	<u>h6666 peanut</u>	t1352 purchase	t1634 risk
h4533 gospel	h5215 illegal	h5461 later	h6143 maze	h6425 noise	t1111 pear	t1353 purity	t1635 ritual
h4534 gossip	h5216 illness	h5462 latin	h6144 meadow	<u>h6426 nominee</u>	t1112 peasant	t1354 purpose	t1636 rival
h4535 govern	h5221 image	h5463 laugh	h6145 mean	h6145 noodle	t1113 pelican	t1355 purse	t1641 river
h4536 gown	h5222 imitate	h5464 laundry	<u>h6146 measure</u>	h6432 normal	t1114 pen	t1356 push	t1642 road
h4541 grab	h5223 immense	h5465 lava	h6151 meat	h6433 north	t1115 penalty	t1361 put	t1643 roast
h4542 grace	h5224 immune	<u>h5466 law</u>	h6152 mechanic	h6434 nose	t1116 pencil	t1362 puzzle	t1644 robot
h4543 grain	h5225 impact	h5511 lawn	h6153 medal	h6435 notable	t1121 people	t1363 pyramid	t1645 robust
h4544 grant	<u>h5226 impose</u>	h5512 lawsuit	h6154 media	h6436 note	t1122 pepper	t1364 quality	t1646 rocket
h4545 grape	h5231 improve	h5513 layer	h6155 melody	h6441 nothing	t1123 perfect	t1365 quantum	t1651 romance
<u>h4546 grass</u>	h5232 impulse	h5514 lazy	h6156 melt	h6442 notice	t1124 permit	t1366 quarter	t1652 roof
h4551 gravity	h5233 inch	h5515 leader	h6161 member	h6443 novel	t1125 person	t1411 question	t1653 rookie
h4552 great	h5234 include	h5516 leaf	h6162 memory	h6444 now	t1126 pet	t1412 quick	<u>t1654 room</u>
h4553 green	h5235 income	h5521 learn	h6163 mention	h6445 nuclear	t1131 phone	t1413 quit	t1655 rose
h4554 grid	h5236 increase	h5522 leave	h6164 menu	h6446 number	t1132 photo	<u>t1414 quiz</u>	t1656 rotate
h4555 grief	h5241 index	h5523 lecture	h6165 mercy	h6451 nurse	t1133 phrase	t1415 quote	t1661 rough
h4556 grit	h5242 indicate	h5524 left	h6166 merge	h6452 nut	<u>t1134 physical</u>	t1416 rabbit	t1662 round
h4561 grocery	h5243 indoor	h5525 leg	h6211 merit	h6453 oak	t1135 piano	t1421 raccoon	t1663 route
h4562 group	h5244 industry	h5526 legal	h6212 merry	<u>h6454 obey</u>	t1136 picnic	t1422 race	t1664 royal
h4563 grow	h5245 infant	h5531 legend	h6213 mesh	h6455 object	t1141 picture	t1423 rack	t1665 rubber
h4564 grunt	h5246 inflict	h5532 leisure	<u>h6214 message</u>	h6456 oblige	t1142 piece	t1424 radar	t1666 rude
h4565 guard	h5251 inform	h5533 lemon	h6215 metal	h6461 obscure	t1143 pig	t1425 radio	t1111 rug
h4566 guess	h5252 inhale	<u>h5534 lend</u>	h6216 method	h6462 observe	t1144 pigeon	t1426 rail	t1212 rule
h4611 guide	h5253 inherit	h5535 length	h6221 middle	h6463 obtain	t1145 pill	t1431 rain	t1213 run
h4612 guilt	<u>h5254 initial</u>	h5536 lens	h6222 midnight	h6464 obvious	t1146 pilot	t1432 raise	t1214 runway
h4613 guitar	h5255 inject	h5541 leopard	h6223 milk	h6465 occur	t1151 pink	t1433 rally	t1215 rural
<u>h4614 gun</u>	h5256 injury	h5542 lesson	h6224 million	h6466 ocean	t1152 pioneer	t1434 ramp	t2116 sad
h4615 gym	h5261 inmate	h5543 letter	h6225 mimic	h6511 october	t1153 pipe	t1435 ranch	t121 saddle
h4616 habit	h5262 inner	h5544 level	h6226 mind	h6512 odor	t1154 pistol	t1436 random	<u>t1222 sadness</u>
h4621 hair	h5263 innocent	h5545 liar	h6231 minimum	h6513 off	t1155 pitch	t1441 range	t1223 safe
h4622 half	h5264 input	h5546 liberty	h6232 minor	h6514 offer	<u>t1156 pizza</u>	t1156 pizza	t1224 sail
h4623 hammer	h5265 inquiry	h5551 library	h6233 minute	h6515 office	t1161 place	t1443 rare	t1225 salad
h4624 hamster	h5266 insane	h5552 license	h6234 miracle	h6516 often	<u>t1162 planet</u>	t1444 rate	t1226 salmon
h4625 hand	h5311 insect	h5553 life	h6235 mirror	h6521 oil	t1163 plastic	t1445 rather	t1311 salon
h4626 happy	h5312 inside	h5554 lift	h6236 misery	<u>h6522 okay</u>	t1164 plate	t1446 raven	t132 salt
h4631 harbor	h5313 inspire	h5555 light	h6241 miss	h6523 old	t1165 play	t1451 raw	t133 salute
h4632 hard	h5314 install	h5556 like	<u>h6242 mistake</u>	h6524 olive	t1166 please	t1452 razor	t134 same
h4633 harsh	h5315 intact	h5561 limb	h6243 mix	h6525 olympic	t1211 pledge	t1453 ready	t135 sample
h4634 harvest	h5316 interest	<u>h5562 limit</u>	h6244 mixed	h6526 omit	t1212 pluck	t1454 real	t136 sand
h4635 hat	h5321 into	h5563 link	h6245 mixture	h6531 once	t1213 plug	t1455 reason	t141 satisfy
h4636 have	<u>h5322 invest</u>	h5564 lion	h6246 mobile	h6532 one	t1214 plunge	t1456 rebel	t142 satoshi
h4641 hawk	h5323 invite	h5565 liquid	h6251 model	h6533 onion	t1215 poem	t1461 rebuild	t143 sauce
<u>h4642 hazard</u>	h5324 involve	h5566 list	h6252 modify	h6534 online	t1216 poet	t1462 recall	t144 sausage
h4643 head	h5325 iron	h5611 little	h6253 mom	h6535 only	t1221 point	t1463 receive	t145 save
h4644 health	h5326 island	h5612 live	h6254 moment	h6536 open	t1222 polar	t1464 recipe	<u>t146 say</u>
h4645 heart	h5331 isolate	h5613 lizard	h6255 monitor	h6541 opera	t1223 pole	t1465 record	t151 scale
h4646 heavy	h5332 issue	h5614 load	h6256 monkey	h6542 opinion	t1224 police	<u>t1466 recycle</u>	t152 scan

t2153 scare	t2435 smart	t3121 sugar	t3363 topic	t3645 vanish	t4331 work
t2154 scatter	t2436 smile	t3122 suggest	t3364 topple	t3646 vapor	t4332 world
t2155 scene	t2441 smoke	t3123 suit	t3365 torch	t3651 various	t4333 worry
t2156 scheme	t2442 smooth	t3124 summer	t3366 tornado	t3652 vast	<u>t4334 worth</u>
t2161 school	t2443 snack	t3125 sun	t3411 tortoise	t3653 vault	t4335 wrap
t2162 science	t2444 snake	t3126 sunny	t3412 toss	<u>t3654 vehicle</u>	t4336 wreck
t2163 scissors	t2445 snap	t3131 sunset	t3413 total	t3655 velvet	t4341 wrestle
t2164 scorpion	t2446 sniff	t3132 super	<u>t3414 tourist</u>	t3656 vendor	t4342 wrist
t2165 scout	t2451 snow	t3133 supply	t3415 toward	t3661 venture	t4343 write
t2166 scrap	t2452 soap	<u>t3134 supreme</u>	t3416 tower	t3662 venue	t4344 wrong
t2211 screen	t2453 soccer	t3135 sure	t3421 town	t3663 verb	t4345 yard
t2212 script	<u>t2454 social</u>	t3136 surface	t3422 toy	t3664 verify	t4346 year
t2213 scrub	t2455 sock	t3141 surge	t3423 track	t3665 version	t4351 yellow
<u>t2214 sea</u>	t2456 soda	t3142 surprise	t3424 trade	t3666 very	t4352 you
t2215 search	t2461 soft	t3143 surround	t3425 traffic	t4111 vessel	t4353 young
t2216 season	t2462 solar	t3144 survey	t3426 tragic	t4112 veteran	t4354 youth
t2221 seat	t2463 soldier	t3145 suspect	t3431 train	t4113 viable	t4355 zebra
t2222 second	t2464 solid	t3146 sustain	t3432 transfer	t4114 vibrant	t4356 zero
t2223 secret	t2465 solution	t3151 swallow	t3433 trap	t4115 vicious	t4361 zone
t2224 section	t2466 solve	t3152 swamp	t3434 trash	t4116 victory	<u>t4362 zoo</u>
t2225 security	t2511 someone	t3153 swap	t3435 travel	t4121 video	t**** roll again
t2226 seed	t2512 seog	t2512 swarm	t3154 swarm	<u>t4122 view</u>	
t2231 seek	t2513 soon	t3155 swear	t3441 treat	t4123 village	
t2232 segment	t2514 sorry	t3156 sweet	<u>t3442 tree</u>	t4124 vintage	
t2233 select	t2515 sort	t3161 swift	t3443 trend	t4125 violin	
t2234 sell	t2516 soul	<u>t3162 swim</u>	t3444 trial	t4126 virtual	
t2235 seminar	t2521 sound	t3163 swing	t3445 tribe	t4131 virus	
t2236 senior	<u>t2522 soup</u>	t3164 switch	t3446 trick	t4132 visa	
t2241 sense	t2523 source	t3165 sword	t3451 trigger	t4133 visit	
<u>t2242 sentence</u>	t2524 south	t3166 symbol	t3452 trim	t4134 visual	
t2243 series	t2525 space	t3211 symptom	t3211 symptom	t4135 vital	
t2244 service	t2526 spare	t3212 syrup	t3454 trophy	t4136 vivid	
t2245 session	t2531 spatial	t3213 system	t3455 trouble	t4141 vocal	
t2246 settle	t2532 spawn	t2532 spawn	t3214 table	t3456 truck	
t2251 setup	t2533 speak	t3215 tackle	t3215 tackle	t3461 true	
t2252 seven	t2534 special	t3216 tag	t3216 tag	t3462 truly	
t2253 shadow	t2535 speed	t2535 speed	t3221 tail	t3463 trumpet	
t2254 shaft	t2536 spell	t3222 talent	t3222 talent	t3464 trust	
t2255 shallow	t2541 spend	t3223 talk	t3223 talk	t3465 truth	
t2256 share	t2542 sphere	t3224 tank	t3224 tank	<u>t3466 try</u>	
t2261 shed	t2543 spice	t3225 tape	t3225 tape	t3511 tube	
t2262 shell	t2544 spider	<u>t3226 target</u>	<u>t3226 target</u>	t3512 tuition	
t2263 sheriff	t2545 spike	t3231 task	t3231 task	t3513 tumble	
t2264 shield	<u>t2546 spin</u>	t3232 taste	t3232 taste	t3514 tuna	
t2265 shift	t2551 spirit	t3233 tattoo	t3233 tattoo	t3515 tunnel	
<u>t2266 shine</u>	t2552 split	t3234 taxi	t3234 taxi	t3516 turkey	
t2311 ship	t2553 spoil	t3235 teach	t3235 teach	t3521 turn	
t2312 shiver	t2554 sponsor	t3236 team	t3236 team	t3522 turtle	
t2313 shock	t2555 spoon	t3241 tell	t3241 tell	t3523 twelve	
t2314 shoe	t2556 sport	t3242 ten	t3242 ten	t3524 twenty	
t2315 shoot	t2561 spot	t3243 tenant	t3243 tenant	t3525 twice	
t2316 shop	t2562 spray	t3244 tennis	t3244 tennis	t3526 twin	
t2321 short	t2563 spread	t3245 tent	t3245 tent	t3531 twist	
t2322 shoulder	t2564 spring	t3246 term	t3246 term	t3532 two	
t2323 shove	t2565 spy	t2565 spy	t3251 test	t3533 type	
t2324 shrimp	t2566 square	t3252 text	t3252 text	<u>t3534 typical</u>	
t2325 shrug	t2611 squeeze	t3253 thank	t3253 thank	t3535 ugly	
t2326 shuffle	t2612 squirrel	<u>t3254 that</u>	<u>t3254 that</u>	t3536 umbrella	
t2331 shy	t2613 stable	t3255 theme	t3255 theme	t3541 unable	
t2332 sibling	<u>t2614 stadium</u>	t3256 then	t3256 then	t3542 unaware	
t2333 sick	t2615 staff	t3261 theory	t3261 theory	t3543 uncle	
<u>t2334 side</u>	t2616 stage	t3262 there	t3262 there	t3544 uncover	
t2335 siege	t2621 stairs	t3263 they	t3263 they	t3545 under	
t2336 sight	t2622 stamp	t3264 thing	t3264 thing	t3546 undo	
t2341 sign	t2623 stand	t3265 this	t3265 this	t3551 unfair	
t2342 silent	t2624 start	t3266 thought	t3266 thought	t3552 unfold	
t2343 silk	t2625 state	t3311 three	t3311 three	t3553 unhappy	
t2344 silly	t2626 stay	t3312 thrive	t3312 thrive	t3554 uniform	
t2345 silver	t2631 steak	t3313 throw	t3313 throw	t3555 unique	
t2346 similar	t2632 steel	t3314 thumb	t3314 thumb	t3556 unit	
t2351 simple	t2633 stem	t3315 thunder	t3315 thunder	t3561 universe	
t2352 since	t2634 step	t3316 ticket	t3316 ticket	<u>t3562 unknown</u>	
t2353 sing	t2635 stereo	t3321 tide	t3321 tide	t3563 unlock	
t2354 siren	t2636 stick	<u>t3322 tiger</u>	<u>t3322 tiger</u>	t3564 until	
t2355 sister	t2641 still	t3323 tilt	t3323 tilt	t3565 unusual	
t2356 situate	<u>t2642 sting</u>	t3324 timber	t3324 timber	t3566 unveil	
t2361 six	t2643 stock	t3325 time	t3325 time	t3611 update	
<u>t2362 size</u>	t2644 stomach	t3326 tiny	t3326 tiny	t3612 upgrade	
t2363 skate	t2645 stone	t3331 tip	t3331 tip	t3613 uphold	
t2364 sketch	t2646 stool	t3332 tired	t3332 tired	t3614 upon	
t2365 ski	t2651 story	t3333 tissue	t3333 tissue	t3615 upper	
t2366 skill	t2652 stove	t3334 title	t3334 title	t3616 upset	
t2411 skin	t2653 strategy	t3335 toast	t3335 toast	t3621 urban	
t2412 skirt	t2654 street	t3336 tobacco	t3336 tobacco	t3622 urge	
t2413 skull	t2655 strike	t3341 today	t3341 today	t3623 usage	
t2414 slab	t2656 strong	t3342 toddler	t3342 toddler	t3624 use	
t2415 slam	t2661 struggle	t3343 toe	t3343 toe	t3625 used	
t2416 sleep	t2662 student	t3344 together	t3344 together	<u>t3626 useful</u>	
t2421 slender	t2663 stuff	t3345 toilet	t3345 toilet	t3631 useless	
t2422 slice	t2664 stumble	<u>t3346 token</u>	<u>t3346 token</u>	t3632 usual	
t2423 slide	t2665 style	t3351 tomato	t3351 tomato	t3633 utility	
t2424 slight	<u>t2666 subject</u>	t3352 tomorrow	t3352 tomorrow	t3634 vacant	
t2425 slim	t3111 submit	t3353 tone	t3353 tone	t3635 vacuum	
<u>t2426 slogan</u>	t3112 subway	t3354 tongue	t3354 tongue	t3636 vague	
t2431 slot	t3113 success	t3355 tonight	t3355 tonight	t3641 valid	
t2432 slow	t3114 such	t3356 tool	t3356 tool	t3642 valley	
t2433 slush	t3115 sudden	t3361 tooth	t3361 tooth	t3643 valve	
t2434 small	t3116 suffer	t3362 top	t3362 top	t3644 van	