A seed phrase is the binary of a key in word form, taken from the BIP word list in the following pages.
All but the final word can be looked up—The final word is a combination of the remaining key binary and a check digit.
TO DERIVE THE FINAL WORD ENTER THE REMAINING BINARY INTO A SPREADSHEET OR SEEDSIGNER.

Read and transcribe the first 11 bits starting from the top of the key on the highest-numbered side working downward (recommended)

First 11 bits

1ST 11 BITS	1	0	1	1	0	1	0	0	1	1	1	LIST WORD reject	WORD 1

Read and transcribe the second 11 bits in order until you reach the bottom of the side.

Next 11 bits

2ND 11 BITS	0	1	0	1	0	1	1	0	0	0	1	LIST WORD file	WORD 2

Once you reach the bottom of the side continue to the next-lower-numbered side of the key.

& next row's 1 bit

Next 10 bits

3RD 11 BITS	0	1	1	0	1	1	1	1	1	0	1	LIST WORD hurry	WORD 3

Continue until all but the leftover bits are transcribed.

Next 11 bits

4TH 11 BITS	1	0	0	1	0	1	0	0	0	1	1	LIST WORD nerve	WORD 4

All but the final word can be looked up. The final word is a combination of the remaining key bits and a check digit.
The check digit must be derived from an offline spreadsheet or SeedSigner.

Last 3 bits

LAST 3 BITS	1	0	1									WORD 24

128 BIT
12 WORD
KEY

PRINT THESE PAGES AND MANUALLY ENTER THE 1's AND 0's FROM THE GENESIS KEY
START WITH THE MOST SIGNIFICANT 11 BITS. THIS PAGE IS A 12 WORD KEY
Determine each row's binary value and lookup the word from the Word List.
WORD ORDER MATTERS. FINAL WORD IS GENERATED FROM SHA 256 HASH.

HIGHEST	1	2	3	4	5	6	7	8	9	10	11	LIST WORD	
1ST 11 BITS													WORD 1
2ND 11 BITS													WORD 2
3RD 11 BITS													WORD 3
4TH 11 BITS													WORD 4
5TH 11 BITS													WORD 5
6TH 11 BITS													WORD 6
7TH 11 BITS													WORD 7
8TH 11 BITS													WORD 8
9TH 11 BITS													WORD 9
10TH 11 BITS													WORD 10
11TH 11 BITS													WORD 11
Last 7 bits													WORD 12

256 BIT
24 WORD
KEY

PRINT THESE PAGES AND MANUALLY ENTER THE 1's AND 0's FROM THE GENESIS KEY TO DERIVE SEED PHRASE
START WITH THE MOST SIGNIFICANT 11 BITS. THIS PAGE IS A 24 WORD KEY
Determine each row's binary value and lookup the word from the Word List.
WORD ORDER MATTERS. FINAL WORD IS GENERATED FROM SHA 256 HASH.

HIGHEST	1	2	3	4	5	6	7	8	9	10	11	LIST WORD	
1ST 11 BITS													WORD 1
2ND 11 BITS													WORD 2
3RD 11 BITS													WORD 3
4TH 11 BITS													WORD 4
5TH 11 BITS													WORD 5
6TH 11 BITS													WORD 6
7TH 11 BITS													WORD 7
8TH 11 BITS													WORD 8
9TH 11 BITS													WORD 9
10TH 11 BITS													WORD 10
11TH 11 BITS													WORD 11
12TH 11 BITS													WORD 12
13TH 11 BITS													WORD 13
14TH 11 BITS													WORD 14
15TH 11 BITS													WORD 15
16TH 11 BITS													WORD 16
17TH 11 BITS													WORD 17
18TH 11 BITS													WORD 18
19TH 11 BITS													WORD 19
20TH 11 BITS													WORD 20
21ST 11 BITS													WORD 21
22ND 11 BITS													WORD 22
23RD 11 BITS													WORD 23
LAST 3 BITS													WORD 24

BIP WORD LIST (from word number 00000000000 to 00110001111)

Word No.	Word	Word No.	Word	Word No.	Word	Word No.	Word	Word No.	Word
00000000000	abandon	00001010000	anxiety	00010100000	beef	00011110000	bulk	00101000000	chimney
00000000001	ability	00001010001	any	00010100001	before	00011110001	bullet	00101000001	choice
00000000010	able	00001010010	apart	00010100010	begin	00011110010	bundle	00101000010	choose
00000000011	about	00001010011	apology	00010100011	behave	00011110011	bunker	00101000011	chronic
00000000100	above	00001010100	appear	00010100100	behind	00011110100	burden	00101000100	chuckle
00000000101	absent	00001010101	apple	00010100101	believe	00011110101	burger	00101000101	chunk
00000000110	absorb	00001010110	approve	00010100110	below	00011110110	burst	00101000110	churn
00000000111	abstract	00001010111	april	00010100111	belt	00011110111	bus	00101000111	cigar
00000001000	absurd	00001011000	arch	00010101000	bench	00011111000	business	00101001000	cinnamon
00000001001	abuse	00001011001	arctic	00010101001	benefit	00011111001	busy	00101001001	circle
00000001010	access	00001011010	area	00010101010	best	00011111010	butter	00101001010	citizen
00000001011	accident	00001011011	arena	00010101011	betray	00011111011	buyer	00101001011	city
00000001100	account	00001011100	argue	00010101100	better	00011111100	buzz	00101001100	civil
00000001101	accuse	00001011101	arm	00010101101	between	00011111101	cabbage	00101001101	claim
00000001110	achieve	00001011110	armed	00010101110	beyond	00011111110	cabin	00101001110	clap
00000001111	acid	00001011111	armor	00010101111	bicycle	00011111111	cable	00101001111	clarify
00000010000	acoustic	00001100000	army	00010110000	bid	00100000000	cactus	00101010000	claw
00000010001	acquire	00001100001	around	00010110001	bike	00100000001	cage	00101010001	clay
00000010010	across	00001100010	arrange	00010110010	bind	00100000010	cake	00101010010	clean
00000010011	act	00001100011	arrest	00010110011	biology	00100000011	call	00101010011	clerk
00000010100	action	00001100100	arrive	00010110100	bird	00100000100	calm	00101010100	clever
00000010101	actor	00001100101	arrow	00010110101	birth	00100000101	camera	00101010101	click
00000010110	actress	00001100110	art	00010110110	bitter	00100000110	camp	00101010110	client
00000010111	actual	00001100111	artefact	00010110111	black	00100000111	can	00101010111	cliff
00000011000	adapt	00001101000	artist	00010111000	blade	00100001000	canal	00101011000	climb
00000011001	add	00001101001	artwork	00010111001	blame	00100001001	cancel	00101011001	clinic
00000011010	addict	00001101010	ask	00010111010	blanket	00100001010	candy	00101011010	clip
00000011011	address	00001101011	aspect	00010111011	blast	00100001011	cannon	00101011011	clock
00000011100	adjust	00001101100	assault	00010111100	bleak	00100001100	canoe	00101011100	clog
00000011101	admit	00001101101	asset	00010111101	bless	00100001101	canvas	00101011101	close
00000011110	adult	00001101110	assist	00010111110	blind	00100001110	canyon	00101011110	cloth
00000011111	advance	00001101111	assume	00010111111	blood	00100001111	capable	00101011111	cloud
00000100000	advice	00001110000	asthma	00011000000	blossom	00100010000	capital	00101100000	clown
00000100001	aerobic	00001110001	athlete	00011000001	blouse	00100010001	captain	00101100001	club
00000100010	affair	00001110010	atom	00011000010	blue	00100010010	car	00101100010	clump
00000100011	afford	00001110011	attack	00011000011	blur	00100010011	carbon	00101100011	cluster
00000100100	afraid	00001110100	attend	00011000100	blush	00100010100	card	00101100100	clutch
00000100101	again	00001110101	attitude	00011000101	board	00100010101	cargo	00101100101	coach
00000100110	age	00001110110	attract	00011000110	boat	00100010110	carpet	00101100110	coast
00000100111	agent	00001110111	auction	00011000111	body	00100010111	carry	00101100111	coconut
00000101000	agree	00001111000	audit	00011001000	boil	00100011000	cart	00101101000	code
00000101001	ahead	00001111001	august	00011001001	bomb	00100011001	case	00101101001	coffee
00000101010	aim	00001111010	aunt	00011001010	bone	00100011010	cash	00101101010	coil
00000101011	air	00001111011	author	00011001011	bonus	00100011011	casino	00101101011	coin
00000101100	airport	00001111100	auto	00011001100	book	00100011100	castle	00101101100	collect
00000101101	aisle	00001111101	autumn	00011001101	boost	00100011101	casual	00101101101	color
00000101110	alarm	00001111110	average	00011001110	border	00100011110	cat	00101101110	column
00000101111	album	00001111111	avocado	00011001111	boring	00100011111	catalog	00101101111	combine
00000110000	alcohol	00010000000	avoid	00011010000	borrow	00100100000	catch	00101110000	come
00000110001	alert	00010000001	awake	00011010001	boss	00100100001	category	00101110001	comfort
00000110010	alien	00010000010	aware	00011010010	bottom	00100100010	cattle	00101110010	comic
00000110011	all	00010000011	away	00011010011	bounce	00100100011	caught	00101110011	common
00000110100	alley	00010000100	awesome	00011010100	box	00100100100	cause	00101110100	company
00000110101	allow	00010000101	awful	00011010101	boy	00100100101	caution	00101110101	concert
00000110110	almost	00010000110	awkward	00011010110	bracket	00100100110	cave	00101110110	conduct
00000110111	alone	00010000111	axis	00011010111	brain	00100100111	ceiling	00101110111	confirm
00000111000	alpha	00010001000	baby	00011011000	brand	00100101000	celery	00101111000	congress
00000111001	already	00010001001	bachelor	00011011001	brass	00100101001	cement	00101111001	connect
00000111010	also	00010001010	bacon	00011011010	brave	00100101010	census	00101111010	consider
00000111011	alter	00010001011	badge	00011011011	bread	00100101011	century	00101111011	control
00000111100	always	00010001100	bag	00011011100	breeze	00100101100	cereal	00101111100	convince
00000111101	amateur	00010001101	balance	00011011101	brick	00100101101	certain	00101111101	cook
00000111110	amazing	00010001110	balcony	00011011110	bridge	00100101110	chair	00101111110	cool
00000111111	among	00010001111	ball	00011011111	brief	00100101111	chalk	00101111111	copper
00001000000	amount	00010010000	bamboo	00011100000	bright	00100110000	champion	00110000000	copy
00001000001	amused	00010010001	banana	00011100001	bring	00100110001	change	00110000001	coral
00001000010	analyst	00010010010	banner	00011100010	brisk	00100110010	chaos	00110000010	core
00001000011	anchor	00010010011	bar	00011100011	broccoli	00100110011	chapter	00110000011	corn
00001000100	ancient	00010010100	barely	00011100100	broken	00100110100	charge	00110000100	correct
00001000101	anger	00010010101	bargain	00011100101	bronze	00100110101	chase	00110000101	cost
00001000110	angle	00010010110	barrel	00011100110	broom	00100110110	chat	00110000110	cotton
00001000111	angry	00010010111	base	00011100111	brother	00100110111	cheap	00110000111	couch
00001001000	animal	00010011000	basic	00011101000	brown	00100111000	check	00110001000	country
00001001001	ankle	00010011001	basket	00011101001	brush	00100111001	cheese	00110001001	couple
00001001010	announce	00010011010	battle	00011101010	bubble	00100111010	chef	00110001010	course
00001001011	annual	00010011011	beach	00011101011	buddy	00100111011	cherry	00110001011	cousin
00001001100	another	00010011100	bean	00011101100	budget	00100111100	chest	00110001100	cover
00001001101	answer	00010011101	beauty	00011101101	buffalo	00100111101	chicken	00110001101	coyote
00001001110	antenna	00010011110	because	00011101110	build	00100111110	chief	00110001110	crack
00001001111	antique	00010011111	become	00011101111	bulb	00100111111	child	00110001111	cradle

Word		Word		Word		Word		Word	
00110010000	craft	00111100000	despair	01000110000	ecology	01010000000	exotic	01011010000	foam
00110010001	cram	00111100001	destroy	01000110001	economy	01010000001	expand	01011010001	focus
00110010010	crane	00111100010	detail	01000110010	edge	01010000010	expect	01011010010	fog
00110010011	crash	00111100011	detect	01000110011	edit	01010000011	expire	01011010011	foil
00110010100	crater	00111100100	develop	01000110100	educate	01010000100	explain	01011010100	fold
00110010101	crawl	00111100101	device	01000110101	effort	01010000101	expose	01011010101	follow
00110010110	crazy	00111100110	devote	01000110110	egg	01010000110	express	01011010110	food
00110010111	cream	00111100111	diagram	01000110111	eight	01010000111	extend	01011010111	foot
00110011000	credit	00111101000	dial	01000111000	either	01010001000	extra	01011011000	force
00110011001	creek	00111101001	diamond	01000111001	elbow	01010001001	eye	01011011001	forest
00110011010	crew	00111101010	diary	01000111010	elder	01010001010	eyebrow	01011011010	forget
00110011011	cricket	00111101011	dice	01000111011	electric	01010001011	fabric	01011011011	fork
00110011100	crime	00111101100	diesel	01000111100	elegant	01010001100	face	01011011100	fortune
00110011101	crisp	00111101101	diet	01000111101	element	01010001101	faculty	01011011101	forum
00110011110	critic	00111101110	differ	01000111110	elephant	01010001110	fade	01011011110	forward
00110011111	crop	00111101111	digital	01000111111	elevator	01010001111	faint	01011011111	fossil
00110100000	cross	00111110000	dignity	01001000000	elite	01010010000	faith	01011100000	foster
00110100001	crouch	00111110001	dilemma	01001000001	else	01010010001	fall	01011100001	found
00110100010	crowd	00111110010	dinner	01001000010	embark	01010010010	false	01011100010	fox
00110100011	crucial	00111110011	dinosaur	01001000011	embody	01010010011	fame	01011100011	fragile
00110100100	cruel	00111110100	direct	01001000100	embrace	01010010100	family	01011100100	frame
00110100101	cruise	00111110101	dirt	01001000101	emerge	01010010101	famous	01011100101	frequent
00110100110	crumble	00111110110	disagree	01001000110	emotion	01010010110	fan	01011100110	fresh
00110100111	crunch	00111110111	discover	01001000111	employ	01010010111	fancy	01011100111	friend
00110101000	crush	00111111000	disease	01001001000	empower	01010011000	fantasy	01011101000	fringe
00110101001	cry	00111111001	dish	01001001001	empty	01010011001	farm	01011101001	frog
00110101010	crystal	00111111010	dismiss	01001001010	enable	01010011010	fashion	01011101010	front
00110101011	cube	00111111011	disorder	01001001011	enact	01010011011	fat	01011101011	frost
00110101100	culture	00111111100	display	01001001100	end	01010011100	fatal	01011101100	frown
00110101101	cup	00111111101	distance	01001001101	endless	01010011101	father	01011101101	frozen
00110101110	cupboard	00111111110	divert	01001001110	endorse	01010011110	fatigue	01011101110	fruit
00110101111	curious	00111111111	divide	01001001111	enemy	01010011111	fault	01011101111	fuel
00110110000	current	01000000000	divorce	01001010000	energy	01010100000	favorite	01011110000	fun
00110110001	curtain	01000000001	dizzy	01001010001	enforce	01010100001	feature	01011110001	funny
00110110010	curve	01000000010	doctor	01001010010	engage	01010100010	february	01011110010	furnace
00110110011	cushion	01000000011	document	01001010011	engine	01010100011	federal	01011110011	fury
00110110100	custom	01000000100	dog	01001010100	enhance	01010100100	fee	01011110100	future
00110110101	cute	01000000101	doll	01001010101	enjoy	01010100101	feed	01011110101	gadget
00110110110	cycle	01000000110	dolphin	01001010110	enlist	01010100110	feel	01011110110	gain
00110110111	dad	01000000111	domain	01001010111	enough	01010100111	female	01011110111	galaxy
00110111000	damage	01000001000	donate	01001011000	enrich	01010101000	fence	01011111000	gallery
00110111001	damp	01000001001	donkey	01001011001	enroll	01010101001	festival	01011111001	game
00110111010	dance	01000001010	donor	01001011010	ensure	01010101010	fetch	01011111010	gap
00110111011	danger	01000001011	door	01001011011	enter	01010101011	fever	01011111011	garage
00110111100	daring	01000001100	dose	01001011100	entire	01010101100	few	01011111100	garbage
00110111101	dash	01000001101	double	01001011101	entry	01010101101	fiber	01011111101	garden
00110111110	daughter	01000001110	dove	01001011110	envelope	01010101110	fiction	01011111110	garlic
00110111111	dawn	01000001111	draft	01001011111	episode	01010101111	field	01011111111	garment
00111000000	day	01000010000	dragon	01001100000	equal	01010110000	figure	01100000000	gas
00111000001	deal	01000010001	drama	01001100001	equip	01010110001	file	01100000001	gasp
00111000010	debate	01000010010	drastic	01001100010	era	01010110010	film	01100000010	gate
00111000011	debris	01000010011	draw	01001100011	erase	01010110011	filter	01100000011	gather
00111000100	decade	01000010100	dream	01001100100	erode	01010110100	final	01100000100	gauge
00111000101	december	01000010101	dress	01001100101	erosion	01010110101	find	01100000101	gaze
00111000110	decide	01000010110	drift	01001100110	error	01010110110	fine	01100000110	general
00111000111	decline	01000010111	drill	01001100111	erupt	01010110111	finger	01100000111	genius
00111001000	decorate	01000011000	drink	01001101000	escape	01010111000	finish	01100001000	genre
00111001001	decrease	01000011001	drip	01001101001	essay	01010111001	fire	01100001001	gentle
00111001010	deer	01000011010	drive	01001101010	essence	01010111010	firm	01100001010	genuine
00111001011	defense	01000011011	drop	01001101011	estate	01010111011	first	01100001011	gesture
00111001100	define	01000011100	drum	01001101100	eternal	01010111100	fiscal	01100001100	ghost
00111001101	defy	01000011101	dry	01001101101	ethics	01010111101	fish	01100001101	giant
00111001110	degree	01000011110	duck	01001101110	evidence	01010111110	fit	01100001110	gift
00111001111	delay	01000011111	dumb	01001101111	evil	01010111111	fitness	01100001111	giggle
00111010000	deliver	01000100000	dune	01001110000	evoke	01011000000	fix	01100010000	ginger
00111010001	demand	01000100001	during	01001110001	evolve	01011000001	flag	01100010001	giraffe
00111010010	demise	01000100010	dust	01001110010	exact	01011000010	flame	01100010010	girl
00111010011	denial	01000100011	dutch	01001110011	example	01011000011	flash	01100010011	give
00111010100	dentist	01000100100	duty	01001110100	excess	01011000100	flat	01100010100	glad
00111010101	deny	01000100101	dwarf	01001110101	exchange	01011000101	flavor	01100010101	glance
00111010110	depart	01000100110	dynamic	01001110110	excite	01011000110	flee	01100010110	glare
00111010111	depend	01000100111	eager	01001110111	exclude	01011000111	flight	01100010111	glass
00111011000	deposit	01000101000	eagle	01001111000	excuse	01011001000	flip	01100011000	glide
00111011001	depth	01000101001	early	01001111001	execute	01011001001	float	01100011001	glimpse
00111011010	deputy	01000101010	earn	01001111010	exercise	01011001010	flock	01100011010	globe
00111011011	derive	01000101011	earth	01001111011	exhaust	01011001011	floor	01100011011	gloom
00111011100	describe	01000101100	easily	01001111100	exhibit	01011001100	flower	01100011100	glory
00111011101	desert	01000101101	east	01001111101	exile	01011001101	fluid	01100011101	glove
00111011110	design	01000101110	easy	01001111110	exist	01011001110	flush	01100011110	glow
00111011111	desk	01000101111	echo	01001111111	exit	01011001111	fly	01100011111	glue

Word		Word		Word		Word		Word	
01100100000	goat	01101110000	host	01111000000	job	10000010000	link	10001100000	metal
01100100001	goddess	01101110001	hotel	01111000001	join	10000010001	lion	10001100001	method
01100100010	gold	01101110010	hour	01111000010	joke	10000010010	liquid	10001100010	middle
01100100011	good	01101110011	hover	01111000011	journey	10000010011	list	10001100011	midnight
01100100100	goose	01101110100	hub	01111000100	joy	10000010100	little	10001100100	milk
01100100101	gorilla	01101110101	huge	01111000101	judge	10000010101	live	10001100101	million
01100100110	gospel	01101110110	human	01111000110	juice	10000010110	lizard	10001100110	mimic
01100100111	gossip	01101110111	humble	01111000111	jump	10000010111	load	10001100111	mind
01100101000	govern	01101111000	humor	01111001000	jungle	10000011000	loan	10001101000	minimum
01100101001	gown	01101111001	hundred	01111001001	junior	10000011001	lobster	10001101001	minor
01100101010	grab	01101111010	hungry	01111001010	junk	10000011010	local	10001101010	minute
01100101011	grace	01101111011	hunt	01111001011	just	10000011011	lock	10001101011	miracle
01100101100	grain	01101111100	hurdle	01111001100	kangaroo	10000011100	logic	10001101100	mirror
01100101101	grant	01101111101	hurry	01111001101	keen	10000011101	lonely	10001101101	misery
01100101110	grape	01101111110	hurt	01111001110	keep	10000011110	long	10001101110	miss
01100101111	grass	01101111111	husband	01111001111	ketchup	10000011111	loop	10001101111	mistake
01100110000	gravity	01110000000	hybrid	01111010000	key	10000100000	lottery	10001110000	mix
01100110001	great	01110000001	ice	01111010001	kick	10000100001	loud	10001110001	mixed
01100110010	green	01110000010	icon	01111010010	kid	10000100010	lounge	10001110010	mixture
01100110011	grid	01110000011	idea	01111010011	kidney	10000100011	love	10001110011	mobile
01100110100	grief	01110000100	identify	01111010100	kind	10000100100	loyal	10001110100	model
01100110101	grit	01110000101	idle	01111010101	kingdom	10000100101	lucky	10001110101	modify
01100110110	grocery	01110000110	ignore	01111010110	kiss	10000100110	luggage	10001110110	mom
01100110111	group	01110000111	ill	01111010111	kit	10000100111	lumber	10001110111	moment
01100111000	grow	01110001000	illegal	01111011000	kitchen	10000101000	lunar	10001111000	monitor
01100111001	grunt	01110001001	illness	01111011001	kite	10000101001	lunch	10001111001	monkey
01100111010	guard	01110001010	image	01111011010	kitten	10000101010	luxury	10001111010	monster
01100111011	guess	01110001011	imitate	01111011011	kiwi	10000101011	lyrics	10001111011	month
01100111100	guide	01110001100	immense	01111011100	knee	10000101100	machine	10001111100	moon
01100111101	guilt	01110001101	immune	01111011101	knife	10000101101	mad	10001111101	moral
01100111110	guitar	01110001110	impact	01111011110	knock	10000101110	magic	10001111110	more
01100111111	gun	01110001111	impose	01111011111	know	10000101111	magnet	10001111111	morning
01101000000	gym	01110010000	improve	01111100000	lab	10000110000	maid	10010000000	mosquito
01101000001	habit	01110010001	impulse	01111100001	label	10000110001	mail	10010000001	mother
01101000010	hair	01110010010	inch	01111100010	labor	10000110010	main	10010000010	motion
01101000011	half	01110010011	include	01111100011	ladder	10000110011	major	10010000011	motor
01101000100	hammer	01110010100	income	01111100100	lady	10000110100	make	10010000100	mountain
01101000101	hamster	01110010101	increase	01111100101	lake	10000110101	mammal	10010000101	mouse
01101000110	hand	01110010110	index	01111100110	lamp	10000110110	man	10010000110	move
01101000111	happy	01110010111	indicate	01111100111	language	10000110111	manage	10010000111	movie
01101001000	harbor	01110011000	indoor	01111101000	laptop	10000111000	mandate	10010001000	much
01101001001	hard	01110011001	industry	01111101001	large	10000111001	mango	10010001001	muffin
01101001010	harsh	01110011010	infant	01111101010	later	10000111010	mansion	10010001010	mule
01101001011	harvest	01110011011	inflict	01111101011	latin	10000111011	manual	10010001011	multiply
01101001100	hat	01110011100	inform	01111101100	laugh	10000111100	maple	10010001100	muscle
01101001101	have	01110011101	inhale	01111101101	laundry	10000111101	marble	10010001101	museum
01101001110	hawk	01110011110	inherit	01111101110	lava	10000111110	march	10010001110	mushroom
01101001111	hazard	01110011111	initial	01111101111	law	10000111111	margin	10010001111	music
01101010000	head	01110100000	inject	01111110000	lawn	10001000000	marine	10010010000	must
01101010001	health	01110100001	injury	01111110001	lawsuit	10001000001	market	10010010001	mutual
01101010010	heart	01110100010	inmate	01111110010	layer	10001000010	marriage	10010010010	myself
01101010011	heavy	01110100011	inner	01111110011	lazy	10001000011	mask	10010010011	mystery
01101010100	hedgehog	01110100100	innocent	01111110100	leader	10001000100	mass	10010010100	myth
01101010101	height	01110100101	input	01111110101	leaf	10001000101	master	10010010101	naive
01101010110	hello	01110100110	inquiry	01111110110	learn	10001000110	match	10010010110	name
01101010111	helmet	01110100111	insane	01111110111	leave	10001000111	material	10010010111	napkin
01101011000	help	01110101000	insect	01111111000	lecture	10001001000	math	10010011000	narrow
01101011001	hen	01110101001	inside	01111111001	left	10001001001	matrix	10010011001	nasty
01101011010	hero	01110101010	inspire	01111111010	leg	10001001010	matter	10010011010	nation
01101011011	hidden	01110101011	install	01111111011	legal	10001001011	maximum	10010011011	nature
01101011100	high	01110101100	intact	01111111100	legend	10001001100	maze	10010011100	near
01101011101	hill	01110101101	interest	01111111101	leisure	10001001101	meadow	10010011101	neck
01101011110	hint	01110101110	into	01111111110	lemon	10001001110	mean	10010011110	need
01101011111	hip	01110101111	invest	01111111111	lend	10001001111	measure	10010011111	negative
01101100000	hire	01110110000	invite	10000000000	length	10001010000	meat	10010100000	neglect
01101100001	history	01110110001	involve	10000000001	lens	10001010001	mechanic	10010100001	neither
01101100010	hobby	01110110010	iron	10000000010	leopard	10001010010	medal	10010100010	nephew
01101100011	hockey	01110110011	island	10000000011	lesson	10001010011	media	10010100011	nerve
01101100100	hold	01110110100	isolate	10000000100	letter	10001010100	melody	10010100100	nest
01101100101	hole	01110110101	issue	10000000101	level	10001010101	melt	10010100101	net
01101100110	holiday	01110110110	item	10000000110	liar	10001010110	member	10010100110	network
01101100111	hollow	01110110111	ivory	10000000111	liberty	10001010111	memory	10010100111	neutral
01101101000	home	01110111000	jacket	10000001000	library	10001011000	mention	10010101000	never
01101101001	honey	01110111001	jaguar	10000001001	license	10001011001	menu	10010101001	news
01101101010	hood	01110111010	jar	10000001010	life	10001011010	mercy	10010101010	next
01101101011	hope	01110111011	jazz	10000001011	lift	10001011011	merge	10010101011	nice
01101101100	horn	01110111100	jealous	10000001100	light	10001011100	merit	10010101100	night
01101101101	horror	01110111101	jeans	10000001101	like	10001011101	merry	10010101101	noble
01101101110	horse	01110111110	jelly	10000001110	limb	10001011110	mesh	10010101110	noise
01101101111	hospital	01110111111	jewel	10000001111	limit	10001011111	message	10010101111	nominee

Word		Word		Word		Word		Word	
10010110000	noodle	10100000000	parade	10101010000	present	10110100000	reduce	10111110000	safe
10010110001	normal	10100000001	parent	10101010001	pretty	10110100001	reflect	10111110001	sail
10010110010	north	10100000010	park	10101010010	prevent	10110100010	reform	10111110010	salad
10010110011	nose	10100000011	parrot	10101010011	price	10110100011	refuse	10111110011	salmon
10010110100	notable	10100000100	party	10101010100	pride	10110100100	region	10111110100	salon
10010110101	note	10100000101	pass	10101010101	primary	10110100101	regret	10111110101	salt
10010110110	nothing	10100000110	patch	10101010110	print	10110100110	regular	10111110110	salute
10010110111	notice	10100000111	path	10101010111	priority	10110100111	reject	10111110111	same
10010111000	novel	10100001000	patient	10101011000	prison	10110101000	relax	10111111000	sample
10010111001	now	10100001001	patrol	10101011001	private	10110101001	release	10111111001	sand
10010111010	nuclear	10100001010	pattern	10101011010	prize	10110101010	relief	10111111010	satisfy
10010111011	number	10100001011	pause	10101011011	problem	10110101011	rely	10111111011	satoshi
10010111100	nurse	10100001100	pave	10101011100	process	10110101100	remain	10111111100	sauce
10010111101	nut	10100001101	payment	10101011101	produce	10110101101	remember	10111111101	sausage
10010111110	oak	10100001110	peace	10101011110	profit	10110101110	remind	10111111110	save
10010111111	obey	10100001111	peanut	10101011111	program	10110101111	remove	10111111111	say
10011000000	object	10100010000	pear	10101100000	project	10110110000	render	11000000000	scale
10011000001	oblige	10100010001	peasant	10101100001	promote	10110110001	renew	11000000001	scan
10011000010	obscure	10100010010	pelican	10101100010	proof	10110110010	rent	11000000010	scare
10011000011	observe	10100010011	pen	10101100011	property	10110110011	reopen	11000000011	scatter
10011000100	obtain	10100010100	penalty	10101100100	prosper	10110110100	repair	11000000100	scene
10011000101	obvious	10100010101	pencil	10101100101	protect	10110110101	repeat	11000000101	scheme
10011000110	occur	10100010110	people	10101100110	proud	10110110110	replace	11000000110	school
10011000111	ocean	10100010111	pepper	10101100111	provide	10110110111	report	11000000111	science
10011001000	october	10100011000	perfect	10101101000	public	10110111000	require	11000001000	scissors
10011001001	odor	10100011001	permit	10101101001	pudding	10110111001	rescue	11000001001	scorpion
10011001010	off	10100011010	person	10101101010	pull	10110111010	resemble	11000001010	scout
10011001011	offer	10100011011	pet	10101101011	pulp	10110111011	resist	11000001011	scrap
10011001100	office	10100011100	phone	10101101100	pulse	10110111100	resource	11000001100	screen
10011001101	often	10100011101	photo	10101101101	pumpkin	10110111101	response	11000001101	script
10011001110	oil	10100011110	phrase	10101101110	punch	10110111110	result	11000001110	scrub
10011001111	okay	10100011111	physical	10101101111	pupil	10110111111	retire	11000001111	sea
10011010000	old	10100100000	piano	10101110000	puppy	10111000000	retreat	11000010000	search
10011010001	olive	10100100001	picnic	10101110001	purchase	10111000001	return	11000010001	season
10011010010	olympic	10100100010	picture	10101110010	purity	10111000010	reunion	11000010010	seat
10011010011	omit	10100100011	piece	10101110011	purpose	10111000011	reveal	11000010011	second
10011010100	once	10100100100	pig	10101110100	purse	10111000100	review	11000010100	secret
10011010101	one	10100100101	pigeon	10101110101	push	10111000101	reward	11000010101	section
10011010110	onion	10100100110	pill	10101110110	put	10111000110	rhythm	11000010110	security
10011010111	online	10100100111	pilot	10101110111	puzzle	10111000111	rib	11000010111	seed
10011011000	only	10100101000	pink	10101111000	pyramid	10111001000	ribbon	11000011000	seek
10011011001	open	10100101001	pioneer	10101111001	quality	10111001001	rice	11000011001	segment
10011011010	opera	10100101010	pipe	10101111010	quantum	10111001010	rich	11000011010	select
10011011011	opinion	10100101011	pistol	10101111011	quarter	10111001011	ride	11000011011	sell
10011011100	oppose	10100101100	pitch	10101111100	question	10111001100	ridge	11000011100	seminar
10011011101	option	10100101101	pizza	10101111101	quick	10111001101	rifle	11000011101	senior
10011011110	orange	10100101110	place	10101111110	quit	10111001110	right	11000011110	sense
10011011111	orbit	10100101111	planet	10101111111	quiz	10111001111	rigid	11000011111	sentence
10011100000	orchard	10100110000	plastic	10110000000	quote	10111010000	ring	11000100000	series
10011100001	order	10100110001	plate	10110000001	rabbit	10111010001	riot	11000100001	service
10011100010	ordinary	10100110010	play	10110000010	raccoon	10111010010	ripple	11000100010	session
10011100011	organ	10100110011	please	10110000011	race	10111010011	risk	11000100011	settle
10011100100	orient	10100110100	pledge	10110000100	rack	10111010100	ritual	11000100100	setup
10011100101	original	10100110101	pluck	10110000101	radar	10111010101	rival	11000100101	seven
10011100110	orphan	10100110110	plug	10110000110	radio	10111010110	river	11000100110	shadow
10011100111	ostrich	10100110111	plunge	10110000111	rail	10111010111	road	11000100111	shaft
10011101000	other	10100111000	poem	10110001000	rain	10111011000	roast	11000101000	shallow
10011101001	outdoor	10100111001	poet	10110001001	raise	10111011001	robot	11000101001	share
10011101010	outer	10100111010	point	10110001010	rally	10111011010	robust	11000101010	shed
10011101011	output	10100111011	polar	10110001011	ramp	10111011011	rocket	11000101011	shell
10011101100	outside	10100111100	pole	10110001100	ranch	10111011100	romance	11000101100	sheriff
10011101101	oval	10100111101	police	10110001101	random	10111011101	roof	11000101101	shield
10011101110	oven	10100111110	pond	10110001110	range	10111011110	rookie	11000101110	shift
10011101111	over	10100111111	pony	10110001111	rapid	10111011111	room	11000101111	shine
10011110000	own	10101000000	pool	10110010000	rare	10111100000	rose	11000110000	ship
10011110001	owner	10101000001	popular	10110010001	rate	10111100001	rotate	11000110001	shiver
10011110010	oxygen	10101000010	portion	10110010010	rather	10111100010	rough	11000110010	shock
10011110011	oyster	10101000011	position	10110010011	raven	10111100011	round	11000110011	shoe
10011110100	ozone	10101000100	possible	10110010100	raw	10111100100	route	11000110100	shoot
10011110101	pact	10101000101	post	10110010101	razor	10111100101	royal	11000110101	shop
10011110110	paddle	10101000110	potato	10110010110	ready	10111100110	rubber	11000110110	short
10011110111	page	10101000111	pottery	10110010111	real	10111100111	rude	11000110111	shoulder
10011111000	pair	10101001000	poverty	10110011000	reason	10111101000	rug	11000111000	shove
10011111001	palace	10101001001	powder	10110011001	rebel	10111101001	rule	11000111001	shrimp
10011111010	palm	10101001010	power	10110011010	rebuild	10111101010	run	11000111010	shrug
10011111011	panda	10101001011	practice	10110011011	recall	10111101011	runway	11000111011	shuffle
10011111100	panel	10101001100	praise	10110011100	receive	10111101100	rural	11000111100	shy
10011111101	panic	10101001101	predict	10110011101	recipe	10111101101	sad	11000111101	sibling
10011111110	panther	10101001110	prefer	10110011110	record	10111101110	saddle	11000111110	sick
10011111111	paper	10101001111	prepare	10110011111	recycle	10111101111	sadness	11000111111	side

Word		Word		Word		Word		Word	
11001000000	siege	11010010000	spirit	11011100000	swing	11100110000	toward	11110000000	useless
11001000001	sight	11010010001	split	11011100001	switch	11100110001	tower	11110000001	usual
11001000010	sign	11010010010	spoil	11011100010	sword	11100110010	town	11110000010	utility
11001000011	silent	11010010011	sponsor	11011100011	symbol	11100110011	toy	11110000011	vacant
11001000100	silk	11010010100	spoon	11011100100	symptom	11100110100	track	11110000100	vacuum
11001000101	silly	11010010101	sport	11011100101	syrup	11100110101	trade	11110000101	vague
11001000110	silver	11010010110	spot	11011100110	system	11100110110	traffic	11110000110	valid
11001000111	similar	11010010111	spray	11011100111	table	11100110111	tragic	11110000111	valley
11001001000	simple	11010011000	spread	11011101000	tackle	11100111000	train	11110001000	valve
11001001001	since	11010011001	spring	11011101001	tag	11100111001	transfer	11110001001	van
11001001010	sing	11010011010	spy	11011101010	tail	11100111010	trap	11110001010	vanish
11001001011	siren	11010011011	square	11011101011	talent	11100111011	trash	11110001011	vapor
11001001100	sister	11010011100	squeeze	11011101100	talk	11100111100	travel	11110001100	various
11001001101	situate	11010011101	squirrel	11011101101	tank	11100111101	tray	11110001101	vast
11001001110	six	11010011110	stable	11011101110	tape	11100111110	treat	11110001110	vault
11001001111	size	11010011111	stadium	11011101111	target	11100111111	tree	11110001111	vehicle
11001010000	skate	11010100000	staff	11011110000	task	11101000000	trend	11110010000	velvet
11001010001	sketch	11010100001	stage	11011110001	taste	11101000001	trial	11110010001	vendor
11001010010	ski	11010100010	stairs	11011110010	tattoo	11101000010	tribe	11110010010	venture
11001010011	skill	11010100011	stamp	11011110011	taxi	11101000011	trick	11110010011	venue
11001010100	skin	11010100100	stand	11011110100	teach	11101000100	trigger	11110010100	verb
11001010101	skirt	11010100101	start	11011110101	team	11101000101	trim	11110010101	verify
11001010110	skull	11010100110	state	11011110110	tell	11101000110	trip	11110010110	version
11001010111	slab	11010100111	stay	11011110111	ten	11101000111	trophy	11110010111	very
11001011000	slam	11010101000	steak	11011111000	tenant	11101001000	trouble	11110011000	vessel
11001011001	sleep	11010101001	steel	11011111001	tennis	11101001001	truck	11110011001	veteran
11001011010	slender	11010101010	stem	11011111010	tent	11101001010	true	11110011010	viable
11001011011	slice	11010101011	step	11011111011	term	11101001011	truly	11110011011	vibrant
11001011100	slide	11010101100	stereo	11011111100	test	11101001100	trumpet	11110011100	vicious
11001011101	slight	11010101101	stick	11011111101	text	11101001101	trust	11110011101	victory
11001011110	slim	11010101110	still	11011111110	thank	11101001110	truth	11110011110	video
11001011111	slogan	11010101111	sting	11011111111	that	11101001111	try	11110011111	view
11001100000	slot	11010110000	stock	11100000000	theme	11101010000	tube	11110100000	village
11001100001	slow	11010110001	stomach	11100000001	then	11101010001	tuition	11110100001	vintage
11001100010	slush	11010110010	stone	11100000010	theory	11101010010	tumble	11110100010	violin
11001100011	small	11010110011	stool	11100000011	there	11101010011	tuna	11110100011	virtual
11001100100	smart	11010110100	story	11100000100	they	11101010100	tunnel	11110100100	virus
11001100101	smile	11010110101	stove	11100000101	thing	11101010101	turkey	11110100101	visa
11001100110	smoke	11010110110	strategy	11100000110	this	11101010110	turn	11110100110	visit
11001100111	smooth	11010110111	street	11100000111	thought	11101010111	turtle	11110100111	visual
11001101000	snack	11010111000	strike	11100001000	three	11101011000	twelve	11110101000	vital
11001101001	snake	11010111001	strong	11100001001	thrive	11101011001	twenty	11110101001	vivid
11001101010	snap	11010111010	struggle	11100001010	throw	11101011010	twice	11110101010	vocal
11001101011	sniff	11010111011	student	11100001011	thumb	11101011011	twin	11110101011	voice
11001101100	snow	11010111100	stuff	11100001100	thunder	11101011100	twist	11110101100	void
11001101101	soap	11010111101	stumble	11100001101	ticket	11101011101	two	11110101101	volcano
11001101110	soccer	11010111110	style	11100001110	tide	11101011110	type	11110101110	volume
11001101111	social	11010111111	subject	11100001111	tiger	11101011111	typical	11110101111	vote
11001110000	sock	11011000000	submit	11100010000	tilt	11101100000	ugly	11110110000	voyage
11001110001	soda	11011000001	subway	11100010001	timber	11101100001	umbrella	11110110001	wage
11001110010	soft	11011000010	success	11100010010	time	11101100010	unable	11110110010	wagon
11001110011	solar	11011000011	such	11100010011	tiny	11101100011	unaware	11110110011	wait
11001110100	soldier	11011000100	sudden	11100010100	tip	11101100100	uncle	11110110100	walk
11001110101	solid	11011000101	suffer	11100010101	tired	11101100101	uncover	11110110101	wall
11001110110	solution	11011000110	sugar	11100010110	tissue	11101100110	under	11110110110	walnut
11001110111	solve	11011000111	suggest	11100010111	title	11101100111	undo	11110110111	want
11001111000	someone	11011001000	suit	11100011000	toast	11101101000	unfair	11110111000	warfare
11001111001	song	11011001001	summer	11100011001	tobacco	11101101001	unfold	11110111001	warm
11001111010	soon	11011001010	sun	11100011010	today	11101101010	unhappy	11110111010	warrior
11001111011	sorry	11011001011	sunny	11100011011	toddler	11101101011	uniform	11110111011	wash
11001111100	sort	11011001100	sunset	11100011100	toe	11101101100	unique	11110111100	wasp
11001111101	soul	11011001101	super	11100011101	together	11101101101	unit	11110111101	waste
11001111110	sound	11011001110	supply	11100011110	toilet	11101101110	universe	11110111110	water
11001111111	soup	11011001111	supreme	11100011111	token	11101101111	unknown	11110111111	wave
11010000000	source	11011010000	sure	11100100000	tomato	11101110000	unlock	11111000000	way
11010000001	south	11011010001	surface	11100100001	tomorrow	11101110001	until	11111000001	wealth
11010000010	space	11011010010	surge	11100100010	tone	11101110010	unusual	11111000010	weapon
11010000011	spare	11011010011	surprise	11100100011	tongue	11101110011	unveil	11111000011	wear
11010000100	spatial	11011010100	surround	11100100100	tonight	11101110100	update	11111000100	weasel
11010000101	spawn	11011010101	survey	11100100101	tool	11101110101	upgrade	11111000101	weather
11010000110	speak	11011010110	suspect	11100100110	tooth	11101110110	uphold	11111000110	web
11010000111	special	11011010111	sustain	11100100111	top	11101110111	upon	11111000111	wedding
11010001000	speed	11011011000	swallow	11100101000	topic	11101111000	upper	11111001000	weekend
11010001001	spell	11011011001	swamp	11100101001	topple	11101111001	upset	11111001001	weird
11010001010	spend	11011011010	swap	11100101010	torch	11101111010	urban	11111001010	welcome
11010001011	sphere	11011011011	swarm	11100101011	tornado	11101111011	urge	11111001011	west
11010001100	spice	11011011100	swear	11100101100	tortoise	11101111100	usage	11111001100	wet
11010001101	spider	11011011101	sweet	11100101101	toss	11101111101	use	11111001101	whale
11010001110	spike	11011011110	swift	11100101110	total	11101111110	used	11111001110	what
11010001111	spin	11011011111	swim	11100101111	tourist	11101111111	useful	11111001111	wheat

	Word
11111010000	wheel
11111010001	when
11111010010	where
11111010011	whip
11111010100	whisper
11111010101	wide
11111010110	width
11111010111	wife
11111011000	wild
11111011001	will
11111011010	win
11111011011	window
11111011100	wine
11111011101	wing
11111011110	wink
11111011111	winner
11111100000	winter
11111100001	wire
11111100010	wisdom
11111100011	wise
11111100100	wish
11111100101	witness
11111100110	wolf
11111100111	woman
11111101000	wonder
11111101001	wood
11111101010	wool
11111101011	word
11111101100	work
11111101101	world
11111101110	worry
11111101111	worth
11111110000	wrap
11111110001	wreck
11111110010	wrestle
11111110011	wrist
11111110100	write
11111110101	wrong
11111110110	yard
11111110111	year
11111111000	yellow
11111111001	you
11111111010	young
11111111011	youth
11111111100	zebra
11111111101	zero
11111111110	zone
11111111111	zoo