

	ROOTS	MEANING	WORD
1	alter	other	alternate, alter ego
2	ami, amic-	love	amiable, amicable
3	amphi	both ends or all sides	amphibian
4	ann, enni	year	anniversary, annual, biennial, perennial
5	anthrop	human, man	anthropology, anthropomorphic, misanthrope
6	aqua, aque	water	aquatic, aquarium, aqueduct
7	arch	chief, leader, ruler	archangel, monarch, archaic, archenemy
8	arthro	joint	arthritis
9	aud	sound	auditorium, audible, audiologist, audiotape
10	bell	war	belligerent, bellicose
11	biblio	book	bibliography, bibliophile
12	bio-	life	biography, autobiography, biology, antibiotic
13	brev	short	brief, abbreviate
14	cap	take, seize	capture, captivate, capacity
15	carn	meat	carnivorous, chili con carne
16	ced	yield, go	recede, secede, proceed, intercede, concession
17	chrom-	color	chromatic, monochrome, polychrome

18	chron-	time	chronicle, chronology, chronometer, synchronize
19	cogn	know	recognize, cognitive, incognito
20	cord/chord	cord	harpsichord
21	corp	body	corpus, corpse, corporal
22	crac, crat	rule, ruler	autocrat, democracy, bureaucrat, democracy
23	cred	believe	credible, credulous, credibility, credit, credo
24	cruc	cross	crucifix, crucial
25	crusta	shell	crustacean
26	crypt	hidden	cryptogram, cryptology, cryptic
27	culp	guilt	culpable, culprit
28	dei	god	deity, deify
29	demo-	people	demography, democracy, epidemic
30	dent	tooth	dentist, dentifrice, dentin
31	derm-	skin	dermatology, epidermis, hypodermic
32	dic	speak, say	dictate, predict, diction, indict
33	dox	belief, opinion	orthodoxy, paradox, heterodoxy
34	duc, duct	lead	induce, deduce, seduction, conduct, abduct
35	duo	two	duo
36	dynam-	power	dynamo, hydrodynamics

37	ego	self	egotist, egomania
38	equ	equal	equal, equity, equanimity, equate, equidistant
39	fac	make, do	manufacture, factory, benefactor
40	fil	threadlike	filament
41	frater	brother	fraternal, fraternize
42	gam-	marriage	monogamy, polygamy, bigamy
43	geo-	earth	geopolitical, geology, geography, geothermal
44	glyph	vertical groove	Hieroglyphics—Egyptian "sky writing"
45	grad, gress	step	gradual, progression, transgression
46	graph-	writing, printing	graphology, biography, telegraph, geography
47	gym	naked	gymnasium
48	gyn-	woman	gynecologist, androgynous
49	hemo, hema, hem	blood	hemophilia, hematology, hemoglobin
50	holo	whole, entire	holograph
51	hydro, hydr	water	dehydrate, hydraulics, hydroelectric, hydroplane
52	iso	equal, identical	isolate
53	ject	throw	inject, reject, subject, projection
54	jud	judge	judicial, judge, adjudicate
55	leg, lect	read, choose	legible, lectern, lecturer, election

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liter	letter	literature, illiterate, literal
loc	place	local, location
log	word	monologue, epilogue
luc	light	lucid, elucidate
magn	large	magnify, magnate, magnificent
man	hand	manufacture, manual, manuscript
mar	sea	marine, mariner
mater	mother	maternal, maternity, matriarchy, matricide
mere	part, segment	mere
meta, met	behind, between	metacognition—behind the thinking
metri, meter-	measure	geometric, thermometer, odometer
min	small	minority, minuscule, minute
mit, miss	send	permit, submission, mission, emit,
mob, mot, mov	move	mobile, automobile, motion, promote, movie
mon	warn	premonition, admonition
mor, mort	death	mortal, mortician, immortality
morph	form, structure	metamorphosis, amorphous, morphology
mut	change	mutant, mutability, mutate
neuro	nerve	neurology, neurosis, neurobiology

75	nomen /nomin	name	nominal, nominate, nomenclature
76	nov	new	novel, renovate, innovation, novella
76	nym, onym	word, name	synonym, acronym, anonymous, pseudonym
77	odonto	tooth	orthodontist—one who straightens teeth
78	ortho-	straight, correct	orthodox, orthodontist, orthopedic
79	pac	peace	pacify, Pacific Ocean, pacifist
80	pater	father	paternal, paternity, patricide, patrilineal, patriotic
81	path	feeling, suffering	sympathy, apathy, empathy, telepathy, pathology
82	ped, pod	foot	pedal, pedometer, centipede, gastropod
83	pel, puls	push	pulsate, repulsive, impulse, compel, propel
84	pend	hang, weigh	pendulum, pendant, suspend, pending
85	phon-, phono-	sound, voice	telephone, euphony, cacophony, phonograph
86	plan	flat	planar, plantation, plane
87	pneum	lung	pneumatic
88	pod	feet	podiatrist
89	port	carry	portable, transport, portage, report,
90	pot	power	potent, omnipotent, potentate
91	psych-	soul, spirit, mind	psychology, psychic, psychobiography
92	pugna	fight	pugnacious, pugilist

93	quer, quis	ask	query, inquisition,
94	scent, scend	climb	ascend, ascent
95	schizo, schiz	division, split	schizophrenic
96	sci	know	scientific
97	sciss	cut	scissors
98	scrib, script	write	manuscript, scribe, proscribe, scripture
99	sec, sect	cut	dissect, section
100	sed, sess	-sit	sedentary, session
101	sens, sent	feel, be aware	sensible, sentient
102	sequ, secu	follow	sequence, sequel, consecutive
103	serv	serve, protect	service
104	simil	same	similar, assimilate, simile, facsimile (fax)
105	siphon	tube	siphon
106	sol	sun	solar
107	son	sound	sonar, resonate, unison
108	soph	wisdom, knowledge	philosophy, sophisticated, sophomore (wise fool)
109	spec, spic	look, see	spectacles, spectator, inauspicious, prospect
110	spir	coil	spiral
111	spir	breathe	inspire, respiration, conspire, perspiration

112	spond, spons	promise, answer for	respond, responsible
113	spont	by one's own force	spontaneous
114	stat	stay, position	station
115	tang, tact	touch	tactile, tangible
116	temp	time	temporary, temporize
117	ten, tent	hold	tentative, tenable, tenuous
118	terr	earth	subterranean, terrain, terrestrial, disinter
119	theo	god, deity	theology, polytheism, atheist, monotheism
120	therm-	heat	thermal, thermos, thermometer
121	trophy	nutrition, food	atrophy—without nutrition
122	uro	urine	urologist
123	vac	empty	vacation, vacuum, vacuous, vacant
124	ven, vent	come, go	intervene, convene, contravene
125	ver	truth	veracity, verify, verity
126	vert	turn	introvert, irreversible, vertigo
127	vit	life	vital, revitalize, vitamin
128	voc	call	revoke, invocation, vocal, evocative, convocation
129	zoo	animal	zoo, zoology, zoolatry

PREFIXES

	PREFIX	MEANING	EXAMPLES
1	a-, an-	not, without	amoral, anesthetic, apolitical, asocial
2	ab-	away from	abduction, abstain, abnormal
3	ad-	to, toward	adjoin, adjacent (lying near to)
4	ambi-	both	ambidextrous, ambivalent
5	ana-	up, back, again	analogy, anatomy, anagram
6	anti-	against	antipathy, antiwar, antisocial
7	apo-	from, away from	apology, apologize
8	auto-	self	autobiography, automobile, autocracy, automaton
9	bene-	good	benediction benevolent benefactor
10	cata-, cat-	down, against	catastrophe—a turning down
11	centro, centri-	around, center	concentric, centrifugal
12	circum-	around	circumlocution circumference, circumvent
13	com-	with, together	communal, community
14	con-	with, together	connect, confide conspire
15	contra-	against	contradict, contravene
16	de-	down, away	descend, deject (cast down)

17	dia-, di-	through, across	diameter, division
18	dis-	apart, not	disengage, discord, discomfort
19	dys-	ill, difficult, bad	dysfunctional, dysentery
20	e-	out of, from	elect (choose out of), eject (throw out)
21	ecto-	on the outside	ectoderm--outer skin
22	en-, em-	in	empathy--feeling in
23	endo-	within, inside	endoscope--instrument for observing inside
24	epi-	upon	epitaph epidermis, epicenter
25	eso-	inward, within	esoteric--more inward, esophagus
26	eu-	well, good	euthanasia--good death
27	ex-	out of, from	exhume, exhale, exodus
28	hetero-	other, different	heterosexual, heterodoxy, heterodox heterogeneous
29	homo-	same	homosexual, homogeneous, homogenized
30	hyper-	over	hypertension, hypersensitive, hyperactivity
31	hypo-	under	hypotension, hypodermic
32	il-	not	illegitimate, illicit, illegal, illegible
33	im-	not	imperfect, impolite, impossible
34	im-	into	imbibe (drink in, take in)
35	in-	not	indiscreet, invisible

36	in-	into	incorporate (take into the body)
37	inter-	between	intervene (come between), interstate
38	intra-	within	intrastate, intramural
39	ir-	not	irregular, irrational, irredeemable
40	macro-	large	macrocosm, macroeconomics
41	mal, male-	bad, evil	malediction malevolent, malnutrition
42	meta-	beyond	metaphysical
43	micro-	small	microscope, microcosm, microeconomics
44	mono-	one, single	monologue, monotheism, monarchy, monogamy
45	neo-	new, recent	neologism, neo-liberal, neonatology, neolithic
46	ob-	against	object, obstruct (build against)
47	palin-, pali-	back, again	palindrome
48	pan-	all, every	pantheism, Pan-Hellenic, panorama, pandemic
49	para-	false	paramilitary, paralegal, parachute
50	per-	through	percolate (flow through) perforate (punch through)
51	peri-	around	perimeter, periscope
52	phil-, philo-	like, lover of	philosophy, Francophile, bibliophile, philanthropy
53	poly-	many, several	polygon, polygamy, polytechnic, polytheism
54	post-	after	postgraduate, posthumous postpone

SUFFIXES

	SUFFIX	DEFINITION	EXAMPLE
1	-agog, -agogue	leader	demagogue, pedagogue
2	-cide	kill(ing)	patricide, infanticide, herbicide, suicide
3	-ectomy	cutting	appendectomy, splenectomy
4	-ia, -y	act, state	amnesia, mania, democracy, anarchy
5	-ic, -tic, -ical, -ac	having to do with	anthropomorphic, dramatic, biblical, cardiac
6	-ics	things having to do with	optics, physics
7	-isk, -iscus	small	asterisk--a little star
8	-ism	the belief in	pacifism, terrorism, socialism, communism
9	-ist	one who believes in	pacifist, terrorist, socialist, communist
10	-ite	one connected with	meteorite, polite, cosmopolite
11	-logy	study field of	biology, geology, etymology, cardiology
12	-oid	resembling, like-shaped	asteroid, spheroid
13	-or, -er	one who takes part in	doctor, actor, teacher, driver
14	-phobia	exaggerated fear	photophobia, claustrophobia, agoraphobia
15	-sis	act, state, condition of	analysis

55	pre-	before	precede, predict (tell before)
56	pro-	for, forward	promote, project
57	pros-	toward, in front	prospect—view in front, something coming up
58	proto-	first	prototype, protoplasm, protobiology
59	pseudo	false	pseudonym, pseudoscience
60	re-	again, back	repeat, recede, regress (step back)
61	retro-	back	retrogression, retroactive
62	se-	away from	seduce (lead away), secede
63	sub-	under	submarine, subject, subhuman subterranean
64	sur-, super-	over, above	superhuman, superego, superintend, surpass
65	syn-, sym-, syl-, sys-	with, together	symphony, synonym, system, syllable
66	tele-	distant, far off	telephone, telepathy, television, telegram
67	trans-	across	transient, Transatlantic, transport (carry across)