| Rootor Prefix | Meaning | Examples |
| :---: | :---: | :---: |
| a, an | not, without | atheist, anarchy, anonymous, apathy, aphasia, anemia, atypical, |
| ab | away, down, friom, off | absent, abduction, aberrant, abstemious, abnomal, abstract, absorb |
| acro | high, tip, top | acrobat, acrophobia, acronym |
| act | do, move | action, react, transection, proactive, activity, activation, deactivate |
| ad | to, toward | admit, addition, advetisement, adherent, admonish, address, adhesive, adept, adjust |
| agon | tostuggle | agony, protagonist, antagonist, agony, agonize, |
| alg | pain | neuralgia, analgesic, nostalgic, |
| alt | high | altitude, alimeter, alto, contratto, altocumulus, exalt |
| alter | other | altemative, altemator, ateration, altercation, altemate, |
| am | friend | amiable, amorous, amity, enamored, paramour, amicable |
| ambi | both | ambidextrous, ambivalent, ambiguous, ambient |
| ambul | to walk | ambulatory, amble, ambulance, somnambulist, preamble |
| anim | alive | animated, animal, inanimate, animator, anime, animation, reanimate |
| anima | soul, life | animation, inanimate, animal, anime, equanimity, animism, animus |
| ante | before | anteroom, antebellum, antedate antecedent, |
| anthop | mankind | anthropology, anthropomorphic, philanthrophy, anthropomophic, philanthrophy, misanthropy |
| anti, ant | against, opposite | antisocial, antiseptic, antithesis, antibody, antichist, antinomies, antifieeze, antipathy, |
| am | weapon | amy, amament, disam, ream, amistice, amor, amory, amm |
| audi | tohear | audience, auditory, audible, auditorium, audiovisual, audition, |
| auto | self | automobile, automatic, autograph, autonomous, autoimmune, autopilot |
| be | thoroughly | bedecked, besmirch, besprinkled, begudge, begrime, belie, bemoan |
| bell | war | belligerent, antebellum, bellicose, rebel |
| bene | good, well | benefactor, beneficial, benevolent, benediciion, beneficiary, benefit |
| bi | two | bicycle, bifocals, biceps, billion, binary, bivalve, bimonthly, bigamy, bimeta, |
| bi,di | two | divide, diverge, diglycerides, bifurcate, biweekly, bivalve, biannual, billion |
| bio | life, living | biology, biography, biodiversity, bioavailability, bioflavonoid, biofuel, |
| cede, ceed, cess | to go, to yeld | succeed, proceed, precede, , recede, secession, exceed, succession, excess |
| cent | hundred | centennial, century, centipede, centillion |
| chron | time | chronology, chronic, chronicle, chronometer, anachronism |
| cide, cis | to kill, tocut | fraticide, suicide, incision, excision, cricumcision, precise, concise, precision, |
| circum | around | circumnavigate, circumstance, cricumference, circumvent, circulatory |
| clud, clus claus | toclose | include, exclude, clause, claustrophobia, enclose, exclusive, reclusive, conclude, |
| commun | to share | commune, community, communism, communicable, communication, commonality, incommunicado |
| con, com | with, together | convene, compress, contemporary, converge, compact, confluence, conjoin, convert, compatible, consequence, |
| contra, counter | against, opposite | contradict, counteract, contrary, contraband, controversy, counterfeit, counterclaim, counterargument, |
| cred | tobelieve | credo, credible, credence, credit, credential, credulity, incredulous, creed, incredible |
| cycl | circle, wheel | bicycle, cyclical, motorcycle, cyclone |
| de | from, down, away | detach, deploy, derange, devoid, deffate, degenerate, descend, derail, depress, depart, decompose, desturction |
| dec | ten | decimal, decade, decalogue, decimate, |
| dei, div | God, god | divinity, divine, deity, divination, deify, |
| demo | people | democracy, epidemic, demographic |
| dia | through, across, between | diameter, diagonal, dialogue, dialect, dialectic, diagnosis, diachronic, diagram, diaphragm, dialysis, diamhea |
| dict | speak | predict, verdict, maledicion, dictionary, dictate, dictum, dicioion, indict, contradict |
| dis, dys, dif | away, not, negative | dismiss, differ, disallow, disperse, dissuade, disconnect, dysfunction, disproportion, disrespect, distaste, disarnay, |
| duc, duct | tolead, pull | produce, product, transducer, viaduct, aqueduct, induct, deduct, reduce, induce |
| dyn, dyna | power | dynamic, dynamometer, heterodyne, dynamite, dynamo, dynasty |
| e,ex | out, away, from | emit, expulsion, exhale, exit, express, exclusive, enervate, exceed, explosion |


| ecto | outside, extemal | ectomorph, ectoder, ectoplasm, ectopic |
| :---: | :---: | :---: |
| endo | inside, within | endotoxin, endoscopp, endogenous |
| equi | equal | equidistant, equulatera, equilibrium, equinox, equitable, equation, equator |
| eu | good, well | euphoria eulogy, euphemism, eugenics, eucalyptus, eukaryote, eurythmics, euthanasia |
| exter, exta | outside of | extema, extrinsic, exterior, extraordinary, extracuricular, extraterestrial, extrasensory, extravagant, extreme |
| flect,flex | tobend | flexible, reflection, deflect, inflection, reflex |
| flu, flux | flow | effluence, influence, effluvium, fluctuate, confluence, reflux, influx |
| fore | before, fiont | forecast, forefather, foreman, foreboding, forearm, forrbear, forego, foreground, foremost, forerumner, foresce |
| giga | billion(1099) | gigabyt, gigatlop, gigahert, gigawatt |
| graph,gram | to wnite | polygraph, grammar, graphite, lithograph, historiography, graphic, electrocardiogram, |
| hetero | other | heterodox, hetergeneous, heterosexua, |
| hex, ses, sex | six | hexagon, hexameter, sextuplets, sexililion |
| homo | same | homogenized, homosexual, homonym, homophone |
| hyper | over, above | hyperaciive, hypersensitive, hyperventilate, hyperkinetic, hypertink, hypertext, |
| hypo | below, less than | hypotension, hypodermic, hypoglycemia, hypoallergenic, hypothermia, hypothesis |
| in,im | not | intractable, impregnable, impossible |
| infra | beneath | infrared, infrastucture, infrasonic |
| inter, into | between | intemational, intercept, intermission, interoffice, intemal, intermittent, introvert, |
| intra | within, into | intranet, intracranial, intravenous, intramural, intramuscular, intraocular |
| jac,ject | tothrow | eject, project, trajectory, interject, inject |
| log, logo, loc.loq | word, speech, speak | monologue, dialogue, locution, colloquial, elocution, soliloquy, ventriloquist, apology, epilogue, logic, eulogy, |
| mal | bad, badly | malformation, maladjusted, dismal, malady, malcontent, malfeasance, malevolent, malice, malaria, malfunction, |
| mega | great, million | megaphone, megalomania, megabyte, |
| mega | million(1066) | megabyte, megaton, megaflop, megawatt |
| meso | middle | mesomorph, mesoamerica, mesosphere |
| meta | beyond, change | metamophosis, metabolism, metahistorica, metainformation, metacognitive |
| meter | measure | perimeter, micrometer, ammeter, multimeter, alimeter, geometry, kilometer |
| micro | small | microscope, microprocessor, microfiche, micrometer, micrograph |
| micro | millionth (10-6) | microgram, microwave, microsecond |
| mill, kilo | thousand (1033) | millennium, kilobyte, kiloton |
| milli | thousandth(10^-3) | millisecond, milligram, millimeter, millipede |
| mis | bad, badly | misinform, misinterpret, mispronounce, misnomer, mistake, mistrial, misadventure, misanthrope, misread |
| mit, miss | tosend | transmit, permit, missile, missionary, remit, admit, missive, mission |
| mono, uni | one | monopoly, monotype, monologue, monorail, unilatera, universal, unity, unanimous |
| morph | shape | polymorphic, morpheme, amouphous, metamorphosis, morphology, morphing |
| multi | many | multitude, multipatite, multiply, multipurpose, multicolored, multimedia |
| nano | billionth(10-9) | nanosecond, nanometer, nanomachine, nanotechnology |
| neo | new | neologism, neonate, neoclassic, neophyte |
| non | not | nonferrous, nonabrasive, nondescript, nonfat, nonficion, nonprofit, nonsense, |
| non | nine | nonagon, nonagenarian, nonillion |
| oct | eight | octopus, octagon, octave, ocillion, October |
| omni | all | omnipotent, omnivorous, omniscient, omnibus, omnirange, omnipresent |
| ortho | straight | orthodontics, orthodox, orthopedic, orthoscopic, orthostatic |
| pan | all, whole, general, completely | pantheism, pandemic, panacea, panoply, panchromatic, pandemonium, panorama |
| para | beside | paraprofessional, paramedic, paraphrase, parachute, paralegal, parallel, comparison |
| per | through, intensive | pemit, perspire, pefforate, persuade, perceive, perfect, pemit, pefform |
| peri | around | periscope, perimeter, perigee, periodontal |
| peta | quadililion(10^15) | petabyte |
| phon | sound | telephone, phonics, phonograph, phonetic, homophone, microphone |


| phot | light | photograph, photosynthesis, photon |
| :---: | :---: | :---: |
| poly | many | polytheist, polygon, polygamy, |
| port | tocarry | porter, portable, report, transportation, deport, import, export |
| post | after | postscript, postconsumer, posterior, postgraduate, posthumous, postimpressionism, postpone, postproduction |
| pre | before, infront of | predict, prelude, predetermined, predisposed, preference, presumptuous, prevent, previous, pretentious, pretend |
| pro | forward | propel, proceed, promote, profess, proficient, profile, profound, progress, prologue, proponent, prosecute, provoke |
| proto | first, earliest | prototype, protoplasm, protohistory, protocol, protogalaxy, proton, prototypical, protozoa |
| quasi | approximately, resembling | quasiperiodical, quasiparticle, quasi-govemmental, quasi-scientific, quasi-judicial, quasi-stellar, quasi-public |
| quat, quad | four | quadrangle, quaduplets, quarter, quadrillion |
| quint, penta | five | quintet, quintuplets, pentagon, pentane, pentameter, quintillion |
| re | back, again | report, realign, retract, revise, regain, reflect, rename, restate, recombine, recalculate, redo |
| retro | backwards | retrospect, retrogression, retroactive |
| sanct | holy | sanctify, sanctuary, sanction, sanctimonious, |
| scrib, script | townite | inscription, prescribe, proscribe, manuscript, conscript, scribble, scribe |
| sect, sec | cut | intersect, transect, dissect, secant, section |
| semi | half | semifinal, semiconscious, semiannual, semimonthly, semicircle |
| sept | seven | septet, septennial, septillion, September |
| spect | tolook | inspect, spectator, circumspect, retrospect, prospect, spectacle |
| sub | under, below | submerge, submarine, substandard, subnormal, subvert, subdivision, submersible, submit |
| super, supra | above | superior, suprarenal, superscript, supercede, superficial, superimpose |
| syn | together | synthesis, synchronous, syndicate, synergy, snyopsis, syncretism |
| tele | distance, fromafar | television, telephone, telegraph, telepathy |
| tera | trillion(10^12) | terabyte, teraflop, terawalt |
| theo, the | God | theology, theist, polytheist, pantheism, atheist, monotheist, theophany |
| therm, thermo | heat | thermal, thermometer, thermocouple, thermodynamic, thermoelectric |
| tract | todrag, draw | attract, tractor, traction, extract, retract, protract, detract, contract, intractable |
| trans | across | transoceanic, transmit, transport, transducer, transit, intransitive |
| tri | three | triangle, trinity, trilateral, triumvirate, tribune, trilogy, tricycle, trillion |
| ultra | beyond, extremely | ultraviolet, ultrasonic, ultramarine, ultrafine, ultrasensitive, ultrawide, ultrapure, ultraquiet |
| un | not | uncooked, unharmed, unintended, unhappy, unenlightened, unremarkable |
| under | beneath, below, too little | underestimate, underbid, underexpose, undercut, underhand, undermine, undemeath, underpass, undertake, |
| veh, vect, vey | tocary | vector, vehicle, convection, vehement, convey, conveyance, conveyor |
| ven, vent | tocome | convention, prevent, intervention, convent, advent, invent, inventory |
| verm | worm | vermin, vermicelli, vermiculite, vermicide, vermiform, vermilion |
| vert, vers | totum | convert, revert, advertise, versatile, vertigo, invert, reversion, extravert, introvert |
| vita | life | vital, vitality, vitamins, revitalize |
| vita | life | vita, vitality, vitamins, revitalize |
| vol | to will | benevolent, volition, voluntary, malevolent |


| Suffix | Meaning | Examples |
| :---: | :---: | :---: |
| able, ible | able, can do | capable, agreeable, visible |
| ade | result of action | blockade, lemonade |
| age | act of, state of, collection of | salvage, storage, forage |
| al | relating to | sensual, gradual, manual, natural |
| algia | pain | neuralgia |
| an, ian | native of, pertaining to | American, Martian, antediluvian |
| ance, ancy | action, process, state | assistance, allowance, defiance |
| ant | performing, agent | assistant, servant |
| ary, ery, ory | relating to, quality, place where | dictionary, bravery, dormitory, aviary, ordinary |
| ate | cause, make | liquidate, segregate |
| cian | having a specific skill | magician, optician, physician |
| cule, ling | very small | molecule, miniscule, |
| cy | action, function | advocacy, hesitancy, prophecy, normalcy |
| dom | quality, realm, office | freedom, kingdom, wisdom, thralldom |
| ee | one who receives the action | employee, nominee, refugee |
| en | made of, make | silken, frozen, oaken, wooden, lighten |
| ence, ency | action, state of, quality | difference, conference, urgency |
| er, or | on who, that which | baker, carpenter, brewer |
| escent | in the process of | adolescent, obsolescent, convalescent |
| ese | a native of | Javanese, Vietnamese |
| esis, osis | action, process, condition | genesis, hypnosis, neurosis, osmosis |
| ess | female | poetess, goddess |
| et, ette | small one, group | midget, octet, baronet, |
| fic | making, causing | scientific, specific |
| ful | full of | frightful, beautiful, helpful |
| fy | make | fortify, simplify |
| hood | order, quality | neighborhood, motherhood |
| ic | nature of, like | metallic, heroic, poetic |
| ice | condition, state, quality | justice, malice |
| id, ide | something connected to or belonging to | fluid, fluoride, torrid, canid |
| ine | having the nature or characteristic of | feminine, masculine, medicine |
| ion, sion, tion | act of, state of, result of | contagion, infection, aversion |
| ish | origin, nature, resembling | Spanish, foolish, |
| ism | system, manner, condition | alcoholism, feminism, heroism, communism |
| ist | one who, that which | pianist, elitist |
| ite | nature of, quality of | dynamite, graphite, sulfite, neophyte |
| ity, ty | state of, quality | captivity, clarity |
| ive | causing | conclusive, festive, restive, abusive |
| ize | to make (like) | emphasize, anthropomorphize |
| less | without | worthless, mindless, guileless |
| ly | like | clearly, fearlessly |
| ment | act of, result | contentment, amendment |
| ness | state of | carelessness, uselessness |
| oid | like (often suggests flawed or partial resemblance) | asteroid, tabloid, anthropoid, rhomboid, ovoid |
| (o)logy | study, science, theory | biology |

