

Appendix 7: SAEWM 1000

The first 1000 word in the SAEWM (SAEWM 1000)

	Word/token	Word class	Patterns	Examples	Keyness for subdisciplines
1	so	adv	1. ADV v n 2. ADV adj 3. ADV adv	1. So does ritual 2. so many people 3. so easy/brave/much	Math/Comp, Phys
		conj.	1. CONJ sentence 2. so that-clause	1. So Google got a product,/ So I wondered if maybe you'd /So we'll have to adjust the result 2. so that they're darker/you're breathing...	
2	we	pron.	pronoun	pronoun	Math/Comp, Phys.
3	is	VB (be)	1. V n 2. V adj	1. is a casual connection/two o'clock/bond 2. is devoted/sort of funny/red	Math/Comp, Phys
4	this	det.	1. DET n	1. This course/class/figure	Math/Comp, Phys
		adv.	1. ADV adj	1. this small/certain world	
5	here	adv.	1. s v ADV ... 2. ADV sentence [pause in talk]	1. we can see here, this means.../myths are not... what we have here is ... 2. Here we can see...	Math/Comp, Phys
6	then	adv.	1. conj ADV sentence/phrase	1. and then in our next segment/there will be.... * and then	Math/Comp, Phys
7	minus	prep.	1. n PREP n	1. 300 minus 200/ this inventory minus the trade	Math/Comp, Phys
		adj.	1. ADJ n 2. ADJ of n	1. minus 53.25/infinity/55 millivolts/ the minus sign 2. minus of a negative number	
		conj	1. n CONJ n	1. H minus TS, Y minus BORROW	
8	squared square (60) squares (552)	v.	1. V n 2. V n between n-pl	1. squared the circle 2. squared the circle between his different tendencies	Math/Comp, Phys
		adj	1. n ADJ 2. ADJ n	1. MC/Vp/ta/side squared 2. squared minus/plus/times/cosine	
9	okay	adv.	1. ADV, sentence/phrase. [start a talk] 2. ADJ conj S+V...	1. Okay, you're now going to.../fair enough. /I put one extra brick/ Okay, you're..../the oracle has to be wrong 2. Okay because you've tested/there is still.../if I go a little bit....	Math/Comp, Phys
		adj.	1. it v-link ADJ for n to-inf 2. ADJ to v..... 3. be ADJ	1. it is Okay for us to record the session 2. Okay to blindly trust other people 3. is okay	
10	can	v.	1. V v (modal verb)	1. can play music	Math/Comp, Phys
		n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. in N 8. of N	1. the can 2. our/your can 3. can lind 4. spray/soup can 5. individual/other/whole can 6. can of worms/coke 7. in the can 8. (the side) of the can	
11	equal equals (12)	adj.	1. ADJ to n 2. ADJ n 3. ADJ for n 4. ADJ in n	1. equal to persons/320 millimeters/zero/ this ratio /the probability 2. equal citizens/things 3. equal for the moment	Math/Comp, Phys

				4. equal in power/a sense/amount	
		v.	1. V n 2. V adj 3. V in n 4. V amount	1. equal the distance/Athenian domination 2. equal worthy 3. equal in fact/stature 5. equal two/one	
12	<i>equals</i> <i>equal (11)</i>	v.	1. V n 2. V to n	1. equals city/our clock/a more modern sound/ resignation 2. equals to the ideas	Math/Comp, Phys
		n.	1. poss N 2. adj N	1. your equals 2. average/double/yellow/binding equals	
13	<i>theta</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N for n 7. of N	1. the theta 2. parameter's/its/our theta 3. theta one/zero/sub changes/parameters/ functions/dependence 4. cosine/angle/sine/angle theta 5. squared/limiting theta 6. theta for diffraction 7. (angle size/a friction/cosine/linear function) of theta	Math/Comp
14	<i>actually</i>	adv.	1. n ADV v 2. ADV sentence	1. it actually doesn't work 2. actually we've got this... 1.	Math/Comp, Phys
15	<i>plus</i>	prep.	1. PREP n 2. n PREP n	1. plus this one 2. the living room plus a rockery, a melody plus a rich accompaniment	Math/Comp, Phys.
		n.	1. det N 2. poss N 3. N n 4. adj N 5. N for n 6. of N 7. within N	1. a/the plus 2. our plus 3. plus infinity/factor/charge/sign 4. added/black/little plus 5. plus for Hollywood film 6. (an error) of plus, (the frequency/an enthalpy/ a charge) of plus 7. within plus	
		adv.	1. be ADV over n 2. be ADV on n 3. be ADV with n	1. will be plus over plus 2. is plus on the left 3. is plus with respect to..	
		conj.	1. CONJ v.../sentence	1. plus they're going to.../we'll just take.../ add back in mu.../appear to be bigger	
16	<i>if</i>	conj.	1. CONJ sentence... 2. conj CONJ sentence 3. adv CONJ sentence	1. if you're...../if there's a way.... /if you'd like to.... / if I'd been/if we'd like to..../If someone says... 2. And/But if 3. Even/So if ...	Math/Comp, Phys
17	<i>probability</i> <i>probabilities (142)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N for n 7. N of n 8. by N 9. in N 10. of N 11. with N 12. There be-link N that-clause	1. the/a probability 2. my/their/its probability 3. probability project/field/distribution 4. collision probability 5. same/neutral/binomial/classical probability 6. probability for arranging the cards 7. probability of his dying/the effects/entry/the gas 8. by the probability 9. in probability, in the probability 10. (three types/the Laws/the relationship) of probability 11. with probability, with a/the probability 12. There is a probability that	Math/Comp

				we're	
18	<i>that</i>	conj.	1. n CONJ-that [appositive] 2. n CONJ-that [adj clause]	1. ways that people like to tell over this/ we'll find out 2. speech that is good, story that people like to tell, feats that this fellow represented	Math/Comp, Life
		det.	DET n	1. that character/point/forum/rage	
		adv.	ADV adj ADV adv	1. that easy/interesting/true/simple/angry	
19	<i>function</i>	v.	1. V 2.V as n	1. how life can function better/how they function/ that movie doesn't function that way 2. function as a bank/chairs/currency/a reception area/a chromosome	Math/Comp
		n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N for n 7. N from n 8. N in n 9. N of n 10. with N	1. a/the function 2. the protein's/gene's/its/their function 3. function mutation 4. networks/elements/value/HTML function 5. diverse/computable/primary/key function 6. function for a reason/any given argument 7. function from the natural numbers 8. function in stabilizing society/contemporary society 9. function of clothes/language/the poet/clothes 10. with function	
20	<i>value</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N for n 7. N of n 8. N on n 9. by N 10. of N	1. a/the value 2. her/their value 3. value proposition/blues/types/chain 4. sound/output/face/truth value 5. current/positive/average/different value 6. value for J theta zero 7. value of page/the system's currency/intellectual autonomy/life 8. value on the portfolio/rights/nurses/human life 9. by intrinsic value 10. (the concept/50%) of the value	Math/Comp
		v.	1. V n 2. V n for n 3. V n with n	1. value his pleasure/that 2. value me for what I do 3. value applicants with philosophy degrees	
21	<i>derivative</i>	n.	1. det N 2. ord N 3. poss N 4. n N 5. adj N 6. N at n 7. N of n 8. N with n 9. N to n 10. of N	1. the/a derivative 2. first/second derivative 3. your/my derivative 4. tyrosine/time derivative 5. partial derivative 6. derivative at X/a particular point/zero 7. derivative of the option price/knowledge /the cost function/a constant 8. derivative with respect to time 9. derivative to this/you/0/the change rule 10. (the definitions/the concepts) of derivative	Math/Comp

		adj.	1. ADJ of n 2. ADJ in n 3. ADJ n	1. derivative of the Greeks/cholesterol 2. derivative in essence 3. derivative security/works/contracts	
22	<i>different</i>	adj.	1. ADJ n 2. ADJ about n 3. ADJ from n 4. ADJ for n 5. ADJ in n 6. ADJ than n 7. ADJ to n 8. ADJ to-inf	1. different use/interpretations/approach/decisions 2. different about the sun 3. different from the way/many other places/ everybody else and a scar/the one 4. different for the users 5. different in design/width/appearance/ certain key aspects/nature/height/their importance 6. different than Sorsese/both in India/ people/ empirical judgments/the dome of the Byzantine/ data/the Minoan world/ 7. different to attitudes/our true attitudes 8. different to move into different spaces/	Arts/Human
23	<i>voltage</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N at n 8. N between pl-n 9. N by n 10. N from n 11. N of n 12. at N 13. by N 14. in N 15. of N	1. the/this voltage 2. our/their voltage 3. voltage drop/sources/follower/difference/camp 4. DC/MOSFET/Thevenin/diode voltage 5. high/negative/positive/low voltage 6. voltage to provide the proper signals 7. voltage at this node/the base 8. voltage between these two poles/ the drain and the source 9. voltage by turning the knob/directional switches 10. voltage from the power supply 11. voltage of the switch 12. at high voltage 13. by the voltage 14. in the voltage 15. (the opening) of the voltage	Math/Comp, Phys
24	<i>random</i>	adj.	1. ADJ n 2. ADJ in n 3. ADJ with n	1. random numbers/variables/cases/ distribution/ digits 2. random in each meiosis/their reactions/the common sense of the word 3. random with Brownian motion	Math/Comp
		n.	1. n N 2. at N	1. survey/cliue/timeyocall random 2. at random	
25	<i>let</i>	v.	1. V ... [imperative] 2. V n inf-	1. Let's talk/apply/assume/backtrack/take a look/ 2. let me give/begin	Math/Comp, Phys
		prep.	1. PREP alone n	*. let alone 1. let alone a museum/the things/Jupiter	
26	<i>alice</i>	n.	proper noun 1. of N	- Alice 1. of Alice	Phys

27	see	v.	1. V n 2. V n v-ing 3 V n as n 4. V that- 5. V n adj 6. V through n. 7. V that-	1. see sings/that bar/the doctor/you/some *.I see. (= I understand) 2. see him making an attempt/them touching the nub/them touching/Islam moving 3. see him as a leaf 4. see that Zeus goes to... 5. see me saved 6. see through the Middle Ages/the rest/ the controversy/the door 7. see that you're clocking ...	Arts/Hum, Phys
28	velocity	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N between n 7. N in n 8. N of n 9. N on n 10. N over n 11. N with n 12. N to n 13. at N 14. by N 15. of N 16. in N 17. with N	1. a/the velocity 2. my/particle's/train's/skater's velocity 3. velocity subtract/situations/point/probe 4. ratio/time velocity 5. constant/radial/true/initial/relative velocity 6. velocity between them/flames of reference/two systems 7. velocity in this case/the loud frame 8. velocity of Bob's ship/money/shortening/ the water/the waves/the wind/the plane 9. velocity on our diagrams 10. velocity over C squared 11. velocity with respect to us 12. velocity to another star system/this light 13. at velocity V/zero, at constant velocity 14. by velocity, by the velocity 15. (the basic definition/the difference) of velocity 16. in velocity 17. with velocity	Phys
29	these	det.	1. DET pl-n	1. these tales/questions/stories/myths/ heroes	Life
30	equation equation (128)	n.	1. det N 2. poss N 3. adj N 4. N to-inf 5. N for n 6. N of n 7. by N 8. in N 9. from N 10. of N 11. out of N	1. the/this equation 2 our equation 3. whole/new/earlier/complex equation 4. equation to have a useful solution 5. equation for the variance/sigma 6. equation of balance/the couple/little entrereneurs 7. by this equation 8. in the/this equation 9. from the equation 10. of equation, (part) of the equation, (the solution side) of this equation 11. out of the equation, out of Schrodinger equation	Math/Comp, Phys
31	clock clocks (32)	n.	1. det N 2. poss N 3. adj N 4. N n 5. n N 6. N about n 7. at N 8. on N	1. the/this/that clock 2. their/Bob's/Alice's clock 3. moving/light/identical/leading/fro nt/ working /stepped clock 4. clock rinciple/moment/synchronization 5. alarm clock	Phys

			9. with N	5. clock about cogs and strings 6. clock on the left/the right/this subsection 7. at 12 o'clock / at a stopped clock 8. on that clock 9. with my alarm clock	
32	<i>clocks</i> <i>clock (31)</i>	n.	1. det N 2. poss N 3. num N 4. N n 5. adj N 6. N between n-pl 7. N from n 8. of N 9. on N	1. the/those/these clocks 2. their/Alice's/Bob's/his/her/your clocks 3. two clocks 4. clocks lag 5. mechanical /Swiss/precise/leading clocks 6. clocks between different stations 7. clocks from the middle here/when the Earth was next to him 8. (the behavior/each/synchronization) of the clocks, (a set) of moving clocks 9. on his/her/your clocks	Phys
33	<i>gonna</i>	v.	1. be V v	1. is/are gonna study/happen/do wonder	Math/Comp, Soc
34	<i>lecture</i> <i>lectures (219)</i>	n.	1. det N 2. poss N 3. ord N 4. N n 5. n N 6. adj N 7. N about n 8. N for n 9. N of n 10. from N 11. in N 12. of N 13. to N 14. with N	1. the lecture 2. my/our lecture 3. first/last lecture 4. lecture series 5. Monday/video lecture 6. earlier/famous/different/later/ever y/single /good lecture 7. lecture about how these examples are.../ 8. lecture for this course/topic 9. lecture of our philosophy/Human Rights 10. from my lecture 11. in the/this lecture, in our previous lecture 12. (the type/the rest/the bottom line/part) of the lecture 13. to the first lecture 14. with the lecture	Life, Phys
		v.	V n V for n	1. lecture them 2. lecture for 50 minutes	
35	<i>light</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N from n 6. N for n 7. N of n 8. by N 9. from N 10. in N 11. of N	1. the/a light 2 light bulb 3. winter/sun/fire/gas light 4. bright/dark/supreme light 5. light from the yellow part/the divines/those stars 6. light for an evening dinner party 7. light of a single wavelength/the types/its 8. by the light 9. from gas/violet light, from our light 10. in light, in visible/good/this light 11. (that flash/the speed) of the light	Phys
		adj.	1. ADJ n	1. light wind/pen/dome/filter/touch	
		v.	1. V n 2. V out for n 3. light up	1. light the torch/the wick/lanterns/a fire 2. light out for the territory 3. light up	
36	<i>bit</i>	n.	1. det N 2. adj N 3. N about n	1. a bit 2. a little bit of the time/time/attention	Math/Comp, Life, Phys

			4. N by n 5. N of n 6. from N 7. in N	3. bit about terminology/your work 4. bit by bit 5. a bit of the beginning/music theory/a surprise/information/praise/biography 6. from a bit 7. in a bit	
		adv.	1. ADV adj	1. a little bit messy/careful/wild/cynical	
37	<i>times</i>	n.	1. det N 2. n N 3. nu N 4. adj N 5. N for n 7. N of n 8. N with n 9. N within n 10. at N 11. from N 11. in N 13. out of N	1. the times 2. ratio/mass/cycle times 3. five/hundred times 4. classical/historical/Roman/gamma times 5. times for Egypt/the Ottoman Empire 7. times of human existence/trouble 8. times with four different relationship 9. times within that gap 10. at times, at certain times 11. from ancient times 12. in several/contemporary/mythic/Roman times 13. out of 5 times	Math/Comp, Phys
		prep.	1. n PREP n	1. 146.40 times four / 2 times 1 / the beta times the excess	
		v.	1. V n	1. beta times us	
38	<i>algorithm</i> <i>algorithms (214)</i>	n.	1. det N 2. ord N 3. N n 4. n N 5. adj N 6. N about n 7. N for n 8. in N 9. of N	1. an/the algorithm 2. first/second algorithm, 3. algorithm degree/execution 4. learning/detection/decent/paper/optimization/ page rank algorithm 5. inferior/superior/economic/great/decent algorithm 6. algorithm about what to do 7. algorithm for transforming 8. in the/this/first algorithm 9. (the result/the chosen type) of algorithm	Math/Com
39	<i>output</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N as n 7. N from n 8. N of n 9. N to n 10. from N 11. in N 12. of N 13. on N	1. the output 2. my/your output 3. output ground/selection/signal/state/voltage 4. regression/world/curve output 5. cardiac/normal/particular output 6. output as a means of competition 7. output from \$.0.5 input/mousy input/the cerebellum 8. output of the buck/this problem/brick 9. output to the muscle/the arms/skeletal muscles 10. from that/motor output 11. in the/its output 12. (the increase/units/th amount/the level) of the output 13. on the output	Math/Comp, Phys
		v.	1. V n in n 2. V n	1. outputs some electrical signals in exactly the way 2. output some signals	

40	one	number	1. NUM n 2. NUM of n	1. one dimension/kind/thing/ 2. one of his own/the great joys/you	Math/Comp, Phys
		pron.	1. det N 2. n N 3. adj N 4. N to-inf 5. N between n 6. N by n 7. N for n 8. N from n 9. N of n 10. with n 11. N to n	1. this/the one 2. book one 3. messy/main/important/famous one 4. one to swallow Metis/hear the songs 5. one between Odysseus and Penelope 6. one by Sophocles/Euripides 7. one for us/this class 8. one from France/Sweden 9. one of this/Apollo/all/his companions 10. one with his little dog/any preconceptions 11. one to us/another	
41	sub	adj.	1. ADJ n	1. sub Sahara Africa/district/project/crisis/ units	Phys
42	example examples (105)	n.	1. det N 2. ord N 3. poss N 4. N n 5. adj N 6. N of n 7. N with n 8. as N 9. for N 10. in N 11. from N 12. Here be-v det N of.... 13. That be-v det N of...	1. an/this example 2. first/second example 3. Searle's/Block's/Berge's/my example 4. example film 5. another/good/concrete/clear/surviving example 6. example of a type/the ionic style/this/this genre 7. example with black churches 8. as an example 9. for example 10. in this example 11. from the example 12. Here's an example of 13. That's an example of	Math/Comp
43	vector	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. from N 7. in N	1. this/a vector 2. my/your vector 3. vector machines/quantity 4. column/row/parameter/feature/mean vector 5. dimensional/single/common vector 6. from the vector 7. in a/the vector	Math/Comp
44	course	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N about n 7. N for n 8. N from n 9. N in n 10. N of n 11. N on n 12. from N 13. in N 14. of N	1. a/the course 2. our course 3. course schedule 4. sculpture course 5. typical course 6. course about digital literature/this particular topic/how to write molecules/research methods 7. course for audiences/huge swaths/walls 8. course from Leiden/that particular series /Australia 9. course in classical music/typing/social psychology 10. course on social media/the art/the ethics of data science/electronic literature 11. course of 19 th	Arts/Hum, Phys

				century/philosophy/a war/my career/research/this wawr 12. from this/the course 13. in this/the/our course 14. (the participants/the focus/the first week) of this course,	
45	<i>sigma</i>	n.	1. N as a modifier 2. n N 3. adj N 4. of N 5. in N	1. sigma squared/bar/bonds 2. delta/function/substitution sigma 3. wrong/new/correct sigma 4. (the function/my unique value/the argument) of sigma 5. in the sigma	Math/Comp, Phys, Soc
46	<i>sum</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N for n 6. N from n 7. N of n 8. N over n 9. by N 10. in N	1. a/the sum 2. sum product/vector/games/license 3. zero sum 4. large/horizontal/total sum 5. sum for which the check was drawn 6. sum from this/j 7. sum of money/human knowledge/the forces 8. sum over my K output/the different choices of k/ the training set 9. by the sum 10. in sum, in the sum	Math/Comp
		v.	1. V n 2. V n up 3. V to n 4. V from n 5. V over n 6. V up	1. sum them/this/the moments/contractions 2. sum up the questions/the area 3. sum to zero/1 4. sum from equals J 5. sum over the terms/all the indices/300 million records 6. to sum up, ...	
47	<i>delta</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N for n 7. N of n 8. N with n	1. the delta C 2. our delta 3. delta fibers/band/waves/designation/interval 4. Nile/option delta 5. little/squared delta 6. delta for European call option price/a given change/every epsilon 7. d-delta of an option 8. delta with respect to the price	Math/Comp, Phys
48	<i>sort</i>	adv.	1. ADV of v	1. sort of began/had/imagine	Arts/Human, Soc
		n.	1. det N 2. adj N 3. N of n 4. as N 5. by N 6. from N 7. in N 8. of N 9. Here/There be-v det N ...	1. a/this/the sort 2. written/some/own/unique sort 3. sort of tea kettle/purpose/things/pride/evidence 4. as a sort of guests 5. by this/some sort 6. from a/the sort 7. in a/this/some sort 8. (a winter ceremony/a statue/pictures/a grid) of some sort 9. Here's/There's a sort of ...	
		v.	1. V n 3. V n to-inf 4. V n by n/-ing 5. V through n 6. sort out	1. sort these cards/the left half/them 3. sort them to make it easier 4. sort it by rating/price/the date 5. sort through that 6. sort out	
49	<i>brain</i>	n.	1. de N 2. poss N	1. the brain 2. my/Olivia's/her/our brain	Life

			3. N n 4. adj N 5. N from n 6. N of n 7. from N 8. in N 9. of N 10. with N	3. brain scanner/bricks/fire/stem/stuff/state/ process/ disease 4. human brain 5. brain from the same subject/the body/toxins /the skull 6. brain of vat/victim/the processing/the person/a certain kind 7. from the brain 8. in our/a/the brain, in brains, in your brain 9. (certain key spots/the analytic part/the level) of the brain 10. with a brain/her brain/the brain	
50	<i>cortex</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. in N 6. of N 7. on N	1. the cortex 2. your cortex 3. motor/pre-motor/kidney cortex 4. front/prefrontal/adrenal/cerebral/associational /sensory/auditory/olfactory cortex 5. in the cortex 6. (the cells/the level) of the cortex, (the association/a region/the amount) of cortex 7. on the cortex	Life
51	<i>same</i>	adj.	1. det ADJ n 2. ADJ n 3. det ADJ as n 4. det ADJ as adv 5. det ADJ for n 6. det ADJ in n 7. det ADJ to n	1. the same guy/thing/position/time/root 2. same sex marriage/social and cultural roots /language/words 3. th same as teachers/this/the price of gold/Kevin /having knowledge 4. the same as before/last week 5. the same for different people/social class/ income disparity/the environment 6. the same in all cases of piety/all the animals/ males and females 7. the same to the earth/each other group	Math/Comp, Phys
52	<i>cells</i> <i>cell (81)</i>	n.	1. det N 2. n N 3. adj N 4. from N 5. in N 6. of N 7. within N	1. the/these cells 2. muscle/photoreceptor/blood/beta/death cells 3. parietal/adjacent/bacterial/basal cells 4. from the/damaged cells 5. in blood/liver/eye/these cells 6. (the life/the lumen/a depolarization) of the cells, (a certain number/a bunch) of cells 7. within the/certain cells, within nerve cells	Life
53	<i>electrons</i> <i>electron (180)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. in N 6. of N	1. the electrons 2. our electrons 3. valence electrons 4. different/adjacent/available/remaining/normal/ unpaired/unshared electrons 5. in electrons, in the electrons 6. (the number/density/valence/a set) of electrons, (the distance/the frequency) of the electrons	Phys
54	<i>compute</i>	v.	1. V n	1. compute a function/what is going	Math/Comp

	<i>computing (529)</i> <i>computes (960)</i>		2. V n by n/-ing 3. V n for n 4. V n from n 5. V out n	to happen 2. compute it simply by taking the integer 3. compute the Alpha for particular asset 4. compute functions from the natural numbers 5. compute out what is the maximum return	
55	<i>energy</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N from n 6. of N	1. the/an energy 2. energy efficiency/buildings/consumption 3. capital/heating/wind/water/fire energy 4. cursing/overall/supplied/valuable/solar/kinetic/ potential /thermal/higher energy 5. energy from that triphosphate/the environment /the sun/the chemical bonds 6. (the amount/the availability/the big flow) of energy	Phys
56	<i>input</i> <i>inputs (161)</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N from n 6. N into n 7. N of n 8. N to n 9. of N	1. the/an input 2. your input 3. input legitimacy/options/stimulus/layers 4. mousy/essential/important/fixed/new input 5. input from the patient and the family/the sympathetic nervous system 6. input into the drafts 7. input of volunteers 8. input to the cells/cerebellum/children 9. (the value/the level/the working) of the input	Math/Comp
		v.	1. V n 2. V n into n 3. V into n 4. V to n	1. input my emails/these numbers/option/ ports 2. input my emails into a lot of different sites 3. input into the drafts/the decision making /the simulation 4. input to these pacemaker circuits/this nucleus accumbens/your algorithm	
57	<i>variable</i>	n.	1. det N 2. poss N 3. ord N 4. n N 5. adj N 6. N to-inf 7. N as n 8. N from n 9. N in n 10. N of n 11. N on n 12. of N	1. a/the variable 2. our variable 3. third variable 4. random/difference/index/state variable 5. independent/dependent/instrumental/ confounding/given/temporary variable 6. variable to use this 7. variable as speed of light 8. variable from the rest 9. variable in chemistry/javascript 10. variable of social class 11. variable on the horizontal axis/the axis 12. (the type/the name) of a variable,	Math/Comp

				(the value/ the state) of the variable	
		adj.	1. ADJ n 2. ADJ for n 3. ADJ to-inf 4. ADJ in n 5. v-link ADJ 6. ADJ to n	1. variable ides/resistors/steps/costs/drug effects/side chain/bias/slope/climate/ names 2. variable for the loop/the event 3. variable to find the right value/refer to the labels we use/indicate whether the outcome was... 4. variable in nature/a random 5. that was available 6. available to us/Odysseus/any body	
58	<i>alright</i>	adv.	1. ADV, sentence/phrase	1. Alright, Let's be very careful/take it easy/ So now let's take a moment/good night daddy/back to the bridge	Math/Comp, Life
		adj.	1. ADJ, Sentence.... 2. ADJ for n to n 3. okay, ADJ, ... 4. v-link ADJ	1. alright, it's a gift.... 2. alright for psychological states to have different physical realize... 3. okay, alright.... 4. is/was alright	
59	<i>molecules</i> <i>molecule (64)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N as n 6. N from n 7. N of n 8. N to n 9. by N 10. of N	1. the/these/those molecules 2. molecules paper/noggin/complexes 3. adhesion/DNA/water/glucose molecules 4. diffusible/small/surrounding/charged /effective/ /bitter molecules 5. molecules as a signal 6. molecules from moving the extra part/ interacting with each other 7. molecules of the air/major interest/a certain size/the repressor/life/length 8. molecules to the bacteria/the drug/organs 9. by the molecules 10. (one/a series/the cutting and pasting) of the molecules	Life, Phys
60	<i>square</i> <i>squared (8)</i> <i>squares (552)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N as n 6. N for n 7. N from n 8. N of n 9. N with n 10. in N 11. of N 12. on N 13. within N	1. a/the/this square 2. square root/city 3. Tianamen/4 foot/Harvard/chi/unit/mean square 4. public/original/flat/another/origin al/given/ middle square 5. square as a tool/a good guy 6. square for a dihybrid cross 7. square from seventh grade math 8. square of 1 minus b/a tape/its tape/the wave function/the map/the distance 9. square with a corridor 10. in a/every square 11. (the bottom/the area/the side/the expected value) of the square 12. on a/the square 13. within the square	Math/Comp
		adj.	1. ADJ n 2. n ADJ	1. square blocks/buildings 2. several feet/a thousand square	
		v.	1. V n	1. square it/the	

				circle/that/them/it/each side/ that function	
61	<i>conditional</i>	adj.	1. ADJ n 2. ADJ on n	1. conditional statements/probability/value /distribution/repressor/jump 2. conditional on that/what the data that you get is/knowing the value/the total number	Math/Comp
		n.	1. det N 2. n N 3. N from n 4. N on n	1. the/a conditional 2. repressor conditional 3. conditional from implication 4. conditional on this random variable/Theta	
62	<i>notice</i>	v.	1. V n 2. V that- [imperative] 3. V (that-)n ... [imperative] 4. V about n 5. V in n 7. V n about n 8. V n from n	1. notice the area/arrow/the bottom/the classical lines/taking a look back 2. Notice that western Europe is/a new chord/ he's 3. Notice today I'm/it showed 4. notice about this/the work/this French illustration/the clothes people wear/that this style of music is almost identical 5. notice in particular this smile/one of your articles/this map 7. notice two things about the arguments/ something about the substance of the arguments 8. notice the change from colonialism to post-colonialism	Math/Comp
		n.	1. det N 2. poss N 3. adj N 4. n N 5. N of n 6. N on n 7. in N 8. of N 9. on N 10. N that-[appositive]	1. a/the notice 2. your notice 3. fixed/legal notice 4. copyright/table/privacy/advance notice 5. notice of copyright/a strike/registration 6. notice on the work itself 7. in the notice 8. (rules) of notice 9. on short notice 10. notice that the volume increases/I'm... *.take notice	
63	<i>calculate</i> <i>calculating</i> (726)	v.	1. V n 2. V n to n 3. V n into n	1. calculate everything/a figure/his way/the degree /the position 2. calculate the travel time to each station 3. calculate his way into the shoreline	Math/Comp
64	<i>molecule</i> <i>molecules</i> (59)	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N as n 7. N from n 8. N of n 9. N with n 10. in N	1. a/the molecule 2. molecule transmitters/neurotransmitters /replica 3. water/energy/drug molecule 4. particular/polar/long/big/complex / certain/ significant molecule 5. molecule to better view all/be able to accomplish 6. molecule as an energy currency 7. molecule from an organism/the bloodstream 8. molecule of carbon dioxide/DNA/supreme importance/chlorine	Life, Phys

				9. molecule with physical properties 10. in the/this/a molecule	
65	<i>turns</i>	v.	1. V n 2. V against n 3. V from n 4. V into n 5. V on n 6. V to n 7. V n into n	1. turns ratio/a generator/the corner 2. turns against the oracle 3. turns from one part 4. turns into majority despotism/a flower/the opinion 5. turns on page six/spotlights/this secretion of growth 6. turns to that/talking about theory as a liar 7. turns coffee beans into ground coffee/turns letters into numbers/turns words into money	Math/Comp, Life, Phys
		n.	1. det N 2. N n 3. adj N 4. N of n 5. N to n 6. of N 7. in N	1. the turns 2. turns ratio/mean 3. solid/famous/solid turns 4. turns of wire/phrases/the pickup/the plot 5. turns to the fundamental question 6. (a man) of many turns, (the number/an awful lot/other values) of turns 7. in turns	
66	<i>gamma</i>	n.	1. det N 2. N n 3. n N 4. N for n 5. N from n 6. N of n 7. of N	1. the/a gamma 2. gamma rays/subunits/motor neurons/effect 3. dollar gamma 4. gamma for European call/a call option/the entire portfolio/European options 5. gamma from this equation 6. gamma of these options/an option 7. (a factor/square root/the result) of gamma	Phys
67	<i>axis</i>	n.	1. det N 2. N n 3. adj N 4. N between pl-n 5. N at n 6. N of n 7. by N 8. on N 9. with N 10. Here be-v N	1. the/this axis 2. axis line/lines 3. vertical/cross/principal/diagonal/central/middle/ vertical axis 4. axis between these two buildings/the spots and the heavens 5. axis at an angle of 45 degrees/some angle 6. axis of the world/the tube/the spinal cord /rotation/symmetry 7. by the y axis 8. on the/this axis 9. with the central axis 10. Here's my/the axis...	Math/Comp, Phys
68	<i>equilibrium</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N as n 6. N between pl-n 7. N of n 8. N with n 9. at N 10. by N 11. in N 12. of N	1. an/the equilibrium 2. equilibrium temperature/trap/point/ price/ argument/curve/solutions/trap 3. Nash equilibrium 4. stable/unstable/reflective/bad equilibrium 5. equilibrium as the natural resting point 6. equilibrium between social forces/the vapor and the liquid 7. equilibrium of the whole system/the monopoly 8. equilibrium with the diversity index	Phys, Soc

				9. at equilibrium 10. by equilibrium 11. in equilibrium 12. (be part) of the Nash equilibrium	
69	<i>protein</i> <i>proteins (88)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N in n 8. N from n 9. N of n 10. by N 11. in N 12. of N	1. this/a protein 2. our protein 3. protein powder/components/carrier/targets/ products/source/materials 4. carrier/membrane/photopigment/receptor protein 5. rich/abnormal/authorized/great protein 6. protein to move the solute/eat/be found 7. protein in the neuronal membrane/the cel/the DNA code/the liver cells 8. protein from a jellyfish/the column 9. protein of interest 10. by protein 11. in a protein 12. (the digestion/the structure/the function/a big molecule) of protein	Life
70	<i>number</i> <i>numbers (193)</i>	n.	1. det N 2. ord N 3. N n 4 n N 5. adj N 6. N between pl-n 7. N of n 8. N in n 9. N with n 10. by N 11. from N 12. in N	1. the/a number 2. first/second number 3. number one/three/five 4. symphony/Kochel/slide/song/year number 5. growing/large/big/lucky/total number 6. number between 0 and 100 7. number of ships/people/words/ things/ hours/ stops/flights 8. number in 0/height 9. number with many symbolic implications 10. by the/this number 11. from the number/a user 12. in a/the number	Math/Comp, Phys
		v.	1. V n	1. number himself/these carbons/the ball/them	
71	<i>means</i>	v.	1. V n/that- 2. V n to-inf 3. V n by n	1. means God/Odysseus/Apollo is being careful 2. means to clean up these places/have a good government/be activated/be Roman 3. means this by saying that/the state of nature	Math/Comp
		n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N by n 7. N from n 8. N of n 9. N to n 10. N towards n 11. by N 12. from N 13. in N	1. a/the means 2. his means 3. motto means 4. peaceful/various/musical means 5. means to call down a terrible curse/seek no particular relationship 6. means by which we could calculate/which we can communicate 7. means from many possible sources 8. means of trade/production/violence/support/	

				<p>competition/settlement/transmission</p> <p>9. means to some end/an end/the browser</p> <p>10. means towards persuading others</p> <p>11. by means, by any means, by modern means</p> <p>12. from a means</p> <p>13. in individual means</p>	
72	<i>might</i>	v.	1. V v [modal verb]	1. might see/have a role/be there/want..	Human, Life
		n.	1. adj N 2. N of n 3. in N	1. military might 2. might of Islam 3. in military might	
73	<i>neurons</i> <i>neuron (112)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N from n 7. N in n 8. N of n 9. N with n 10. from N 11. in N 12. into N 13. of N 14. on N 15. within N	<p>1. the/these neurons</p> <p>2. my neurons</p> <p>3. neurons firing</p> <p>4. gamma/motor/brain/receptor neurons</p> <p>5. little/same/few/some/supporting/somatic/ odorant/bipolar neurons</p> <p>6. neurons from CNS/the appropriate segments/ stem /the basil region/this oscillatory mode</p> <p>7. neurons in the brain/the body/your network</p> <p>8. neurons of the brain/your mind/the brainstem</p> <p>9. neurons with their cell bodies</p> <p>10. from neurons</p> <p>11. in neurons</p> <p>12. into neurons</p> <p>13. (the signaling activity) of the neurons, (the location) of these neurons, (the numbers) of neurons</p> <p>14. on neurons</p> <p>15. within its/developing neurons</p>	Life
74	<i>dna</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N from n 7. N in n 8. N into n 9. N of n 10. N with n 11. from N 12. in N 13. of N	<p>1. this/the DNA</p> <p>2. my DNA</p> <p>3. DNA structure/sequence/polymerase/stuff/ replication / transcription/component</p> <p>4. -yeast/source DNA</p> <p>5. cultural/little/human/genomic DNA</p> <p>6. DNA from the bacteria/the environment/a source/wild type yeast/different people/serum</p> <p>7. DNA in every cell/a test tube/eukaryotes/the bacteria</p> <p>8. DNA into the nucleus/the chromosomes</p> <p>9. DNA of a child/the gene/a tumor/a particular person/the building/your close blood relatives</p> <p>10. DNA with phosphorus/genetic differences</p> <p>11. from the DNA</p> <p>12. in the DNA</p> <p>13. (one form/the structure/a careful model/a chain/ the sequence/the discovery) of DNA, (a portion) of this DNA</p>	Life
75	<i>loop</i>	n.	1. det N	1. the loop	Math/Comp

	<i>loops (541)</i>		2. N n 3. n N 4. adj N 5. N from n 6. N of n 7. N in n 8. N with n 9. in N 10. of N 11. out of N	2. loop handle/body 3. movement/limbic/drum/effector loop 4. casual/ascending/limbic/particular loop 5. loop from the previous unit/the battery 6. loop of some kind/Henle/the diagram 7. loop in the basal ganglia/the algorithm/the circuit 8. loop with local control/the condition/a nested "if"/these labels 9. in a/the loop, in loop 10. (this iteration/the body/the execution/the top) of the loop 11. out of the loop	
		v.	1. V through n 2. V around n 3. V back to n 4. V over n	1. loop through the lines/the counts/each of the words 2. loop around the temporal horn 3. loop back to his being a poet/the beginning 4. loop over all the operators	
76	<i>gradient</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N between pl-n 7. N for n 8. N from n 9. N in n 10. N of n 11. by N 12. from N 13. in N 14. within N	1. a/the gradient 2. gradient conditions/equations/descent 3. charge/sodium/pressure/diffusion/income/ density/concentration gradient 4. chemical/osmotic/electrical/conceptual gradient 5. gradient to allow ions/help transport/be maintained/diffuse 6. gradient between years of schooling 7. gradient for oxygen/water to move/potassium 8. gradient from shortest stereocilium/their regularization/high intracellular chloride 9. gradient in health/the medulla/age 10. gradient of that quantity/this function 11. by the/its gradient 12. from the gradient 13. in that gradient 14. within the gradient	Math/Comp
77	<i>two</i>	number	1. NUM of n 2. NUM n	1. two of us/these contests 2. two seconds	Math/Comp, Phys
78	<i>pi</i>	n.	1. det N 2. N n 3. of N	1. the pi 2. pi squares/beliefs/velocity /sigma/electrons 3. (a density/the calculation) of pi	Math/Comp, Phys
79	<i>nucleus</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N from n 7. N of n 8. N in n	1. a/the nucleus- 2. its nuclues 3. nucleus accumbens/neurons 4. carbon/motor nucleus 5. caudate/charged/cerebellar/true nucleus 6. nucleus from a diploid/the sperm/the egg	Life

			9. N to n 10. from N 11. in N 12. into N 13. of N 14. within N	7. nucleus of the cell/a diploid/a human cell /the caudal midbrain/mandatory ruels 8. nucleus in the facial nerve/the brainstem 9. nucleus to ribosomes/neurons/the ocular dominance columns 10. from the/a nucleus 11. in its/the nucleus, in nucleus 12. into the nucleus 13. of the nucleus 14. within the nucleus	
80	<i>matrix</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N of n 6. N with n 7. by N 8. in N 9. into N 10. of N 11. within N	1. a/the/this matrix 2. matrix scenario 3. game/covariance/correlation/identity/transition /rotation/payoff/risk matrix 4. dimensional/diagonal/extracellular/matrix 5. matrix of data/power/all zeros/parameters 6. matrix with independent variables/this vector/ the dimensions 7. by the/one/another matrix 8. in a/this/the matrix 9. into a/the/this matrix 10. (the help/a rank/the size/the trace) of a matrix 11. within the matrix	Math/Comp
81	<i>cell</i> <i>cells (52)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N from n 7. N in n 8. N of n 9. N with n 10. from N 11. in N 12. into N 13. of N	1. a/the/this cell 2. her/my cell 3. cell phones/cancer/disease/membrane /bodies/ body/division 4. photo/diploid/animal/ cell 5. last/postsynaptic/musical/scanned cell 6. cell from a glad/another organ/intracellular signaling 7. cell in the circuit/the body/an area 8. cell of the antrum/the pancreas/a fungus/a toy nuclei/the stomach 9. cell with some genes/the influx of Potassium/my hand/the mutation 10. from one cell 11. in the/a cell 12. into the cell 13. (the property/the metabolism/the interior/the outside) of the cell	Life
82	<i>curve</i> <i>curves (776)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N from n 6. N of n 7. in N 8. into N 9. of N 10. on N 11. under N	1. a/the curve 2. curve generator/model/lines/ball/surface 3. reflectance/bell/product/cost/revenue/supply/ separation /demand curve 4. blue/red/beautiful curve 5. curve from carbon/the given price/this data 6. curve of the river/cavea/labor/the change/ energy consumption 7. in this/demand curve-into a convex	Math/Comp, Soc

				curve 8. into this curve 9. (the shape/this portion/the slope) of the/this curve 10. on this/the curve 11. under the/a curve	
		v.	1. V n 2. V adv	1. curve its way/space 2. curve out/upwards/right here	
83	<i>circuit</i> <i>circuits (188)</i>	n.	1. det N 2. ord N 3. poss N 4. N n 5. n N 6. adj N 7. N as n 8. N between n-pl 9. N into n 10. N of n 11. N on n 12. N with n 13. by N 14. in N 15. into N 16. out of N 17. within N	1. a/the/this circuit 2. second/ninth/fifth circuit 3. your/our circuit 4. circuit riders/elements/analysis/typology /abstraction/method/diagrams/board/ model 5. DC circuit 6. integrated/combinational/sequential/ open/ short/complete/corresponding circuit 7. circuit as a function of the inputs/the integral 8. circuit between the drain and the source/the input and the output 9. circuit into the socket 10. circuit of walls/neurons/the robot/pipes 11. circuit on the right corner/our robot 12. circuit with some switched voltage/three diodes/two stable states/one resistor 13. by this circuit 14. in the/this/our circuit 15. into a/my circuit 16. out of the/this circuit 17. within this circuit	Math/Comp, Phys
84	<i>frame</i> <i>frames (970)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N by n 6. N from n 7. N of n 8. N in n 9. of N 10. out of N 11. from N 12. in N 13. into N	1. a/the frame 2. frame tale/story/system 3. wood/roof/beam/time/reading/rocket/reading/ reference frame 4. movable/fixed/another/wooden/structural frame 5. frame by the editor/pilasters 6. frame from the scary movie/the image 7. frame of mind/reference/appearance/thought 8. frame in Shakespeare/our example 9. (the orientation/the origin/the axis) of frame, (the concept) of a frame, (this type) of rafter frame 10. out of frame, 11. from this/our frame 12. in the rocket/moving frame, in his frame 13. into the frame	Phys
		v.	1. V n 2. V n for n	1. frame our approach/policy/his laws/a research question/things 2. frame you for murder	
85	<i>dynasty</i>	n.	1. n N 2. N by n	1. Zhou/Shang/Han dynasty 2. dynasty by Chen Zhihu	Human

			3. from N 4. in N	3. from Tang dynasty 4. in Han/Jin/Ming Dynasty	
86	'll	aux.	1. V n [modal verb]	1. 'll continue/go/work	Math/Comp, Phys
87	set sets (910)	n.	1. det N 2. N n 3. n N 4. adj N 5. N from n 6. N in n 7. N into n 8. N of n 9. from N 10. in N	1. a/the/this set 2. set decoration/system/chair/point 3. bracket/problem/training/test/validation/tea set 4. complex/whole/universal/different set 5. set from the archaeological museum/her mom 6. set in the chart/the sequence/this diagram 7. set into two subsets 8. set of stories/ideas/pitches/facts/states/lectures 9. from this set 10. in this/the/a set	Math/Comp
		v.	1. n V [past participle] 2. V n 3. (v-link) V at n 4. (v-link) V against n 5. V in n 6. V n for n 7. V adv [phrase]	1. things set 2. set the tables/targets/time/foot/price 3. his eyes were set at Thebes/this temple of Konarak/the chapel entrance 4. was set against that that tribe 5. set in Athens/America/a kitchen/the wars 6. set a good example for the whole world/ a number for the square/a standard for Greek statuary/the stage for the rest of the century 7. set aside/back/down/forth/off/out/up	
88	proteins protein (69)	n.	1. det N 2. poss N 3. n N 4. adj N 5. N from n 6. N in n 7. by N 8. from N 9. of N 10. in N 11. on N 12. with N 13. without N	1. the/these proteins 2. their proteins 3. membrane/carrier/body/blood/receptor/target proteins 4. different/bacterial/binding/large proteins 5. proteins from bacteria/Dr. Jakoi/the column 6. proteins in the cell/hemoglobin/its membrane 7. by the/new proteins 8. from complex proteins 9. (the type/bundles/the making/a group/the structure) of proteins 10. in proteins, in their/the proteins 11. on carrier/the proteins, 12. with proteins 13. without proteins	Life
89	constant	adj.	1. ADJ n 2. ADJ for n 3. ADJ in n/-ing 4. ADJ for n 5. ADJ of n 6. ADJ to n 7. ADJ to-inf 8. at ADJ	1. constant numbers/value/time/function/image/ elimination rate/density/conflict 2. constant for this circuit 3. constant in analyzing total revenue/all reference frames 4. constant for them/the reaction/a variety of chemical reactions 5. constant of probability/ the	Math/Comp, Phys

				reverse direction/ 6. constant to observer A/all observers 7. constant to take into account/ 8. at constant	
		n.	1. det N 2. poss N 3. n N 4. adj N 5. N between n-pl 6. N of n 7. N for n 8. N from n 9. N with n 10. at N	1. a/the constant 2. your/Planck's/Rydberg's constant 3. volume/flow/angle/axis/eye/plank/rate constant 4. dielectric/gravitational/fixed/smaller/ unknown constant 5. constant between the heat and the temperature 6. constant of proportionality/integration 7. constant for n1/the auto-ionization/the base/this reaction/the back reaction 8. constant from that plot 9. constant with different units 10. at constant	
90	<i>sine</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. N at n 6. N of n 7. by N 8. of N	1. a/the sine 2. our sine 3. sine element/wave/theta/function/waves/gas 4. arc/circle sine 5. sine at zero 6. sine of theta/the angle/the inclination 7. by the sine 8. (the derivative) of arc sine	Mat/Comp
91	<i>cosine</i>	n.	1. det N 2. N n 3. n N 4. N at n 5. N of n 6. of N	1. the/a/this cosine 2. cosine theta/function/curve/alpha 3. arc cosine 4. cosine at zero 5. cosine of phi/theta/90 degrees/omega 6. (the amplitudes/the coefficient) of the cosine	Math/Comp
92	<i>linear</i>	adj.	1. ADJ n	-linear chain/elements/story/regression/time/development/sequencing/function	Math/Comp
93	<i>formula</i> <i>formulas (853)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N about n 8. N for n 9. N from n 10. N in n 11. N of n 12. N on n 13. by N 14. from N 15. in N 16. with N 17. Here/There be-v det N ...	1. the/a formula 2. Euler's/Gruebler's formula 3. formula milk/pictures 4. Black-Scholes/concentration formula 5. empirical/molecular/chemical/same/continuous /infant/general/basic formula 6. formula to obtain the right price/get the right price 7. formula about the mean 8. formula for prognostication/ the general solution /creating Gettier cases 9. formula from the book/the angle sum formula 10. formula in this context/this unit 11. formula of humanity/the	Math/Comp

				universal law 12. formula on how to obtain the best estimation/ this one 13. by that/a formula 14. from a formula 15. in a/the/this formula 16. with that formula 17. Here's/There's the formula for the general solution	
94	<i>add</i> <i>adding (644)</i>	v.	1. V n 2. V n to n 3. V to n 4. V n to-inf	1. add a print statement/the new entry/a choir 2. add the new entry to the keyword/this search to a trip/a new element to the end of a list/it to your calendar/something to that Dr. Pinn 3. add to the challenges/calendar email/ Hannah 4. add a casual link to support/a complexity to take/a check to make/a new element to add	Math/Comp
95	<i>moving</i>	v.	1. V n 2. V to n 3. V on to n 4. V from n 5. V from n to n 6. V into n 7. V toward(s) n 8. V through n 9. V out of n 10. V around/along	1. moving the air/his body/his head/chess pieces/ the empire 2. moving to another figure/Italy 3. moving on to book nine 4. moving from the grand epic poetry/the northern coast/the poetry of Virgil 5. moving from one place to another/ mythology to geography 6. moving into tragedy/new uncharted territories/ some different genres/the Pacific/North China 7. moving toward(s) some grand end point/ a purposeful end 8. moving through the world/the street/the town 9. moving out of Tunisia 10. moving around/along	Phys
		adj.	1. ADJ n	1. moving melody/water/parts/vehicle/bus/source / medium/frame	
		n.	1. det N 2. poss N 3. adj N 4. N of n 5. N from n 6. N in n 7. N into n 8. N to n 9. by N 10. in N 11. of N	1. the moving 2. its moving 3. current/vertical moving 4. moving of jobs/the stack/my hand 5. moving from the place of Aeschlyus/a poor neighborhood 6. moving to your right/your left/the right 7. moving into a space 8. moving to your right/your left/the right 9. by voluntary moving 10. in rapid moving 11. (the reality) of your moving	
96	<i>hydrogen</i>	n.	1. det N 2. N n 3. n N 4. N from n 5. N of n 6. in N 7. of N	1. the/a hydrogen 2. hydrogen ions/bonds/atoms/bond/bomb/atoms 3. carbon hydrogen 4. hydrogen from them/steam 5. hydrogen of a neighboring molecule	Phys

				6. in the hydrogen 7. (the speed/2 liters/7.7 grams) of hydrogen	
97	<i>water</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N from n 6. N of n 7. N into n 8. in N 9. of N	1. the/this water 2. water quality/resources/supply/access/world/ storage/music 3. liquid/surface water 4. clean/waste/fresh/contaminated/moving/icy /flowing/running/warm water 5. water from melting rain/the presumptive urine space 6. water of the Rocky Mountains/non-potable quality /the Nile 7. water into a stream/the courtyard 8. in water, in the water 9. (the main source/large amounts/a foot) of water, (the echoes) of the water	Life, Phys
		v.	1. V n	1. water the crops/the garden/lawns/the base of a tree	
98	<i>odysseus</i>	n.	proper noun	Odysseus	Human
99	<i>carbon</i> <i>carbons (629)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. at N 8. from N 9. in N 10. into N 11. of N 12. on N	1. this/the/a carbon 2. their carbon 3. carbon dioxide/footprint/emissions/fuels/atoms 4. alpha/price/fossil carbon 5. prime/organic/next/individual/dumping carbon 6. carbon of root respiration/the sugar/the carbonate anion 7. at every/that carbon 8. from the/their carbon 9. in carbon 10. into the carbon 11. (the valence/the addition/the molar mass) of the carbon 12. on that/this carbon	Phys
100	<i>node</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N as n 6. N between n 7. N by n 8. N for n 9. N from n 10. N of n 11. N with n 12. N to n 13. at N 14. from N 15. in N 16. of N	1. a/the/this node 2. node equation/fires/method/voltages/analysis/ method/potential/points 3. switch/goal/output/ground/search node 4. centralized/new/intermediate/every/big/fatest /previous/next node 5. node as the ground 6. node between the two ETFS 7. node by node 8. -node for each proposition 9. node from the fringe/the tree/the state 10. node of reproduction/Raniver/the capacitor/ the graph/the circuit 11. node with the lowest f value 12. node to the goal/the ground 13. at this/that node 14. from each node/one node/the	Math/Comp

				node 15. in each node 16. (the children/the successors) of the node, (the voltage) of every node	
101	<i>string</i> <i>strings (576)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N from n 7. N in n 8. N into n 9. N of n 10. by N 11. from N 12. of N 13. on N 14. in N	1. a/the/this string 2. my/your string 3. string instruments/parts/melody/length/ player /quartet/player 4. cello/format string 5. whole/tiny/long/new/matching string 6. string from an user/the edge/me 7. string in Python 8. string into a bigger chunk of memory/our rhyming dictionaries 9. string of consonants/lights/length/letters/eve nts 10. by a/that string 11. from a/the string 12. (a copy/the portion/the top) of the string 13. on a string 14. in a/the string	Math/Comp
		v.	1. V n 2. V out 3. V out as n V out as n	1. string the bow 2. string out -*.string out 3. strung out as an arpeggio	
102	<i>malan</i>	n.	proper noun	1. Malan	Math/Comp
103	<i>atoms</i> <i>atom (172)</i>	n.	1. det N 2. n N 3. adj N 4. N of n 5. N in n 6. N with n 7. by N 8. from N 9. in N 10. of N	1. the atoms 2. oxygen/hydrogen/carbon/sodium/ metal/ ground atoms 3. bonded/binding/adjacent/different/i ndividual/ electronegative/atoms 4. atoms of any type/this amino/language/carbon/ the metal 5. atoms in the atmosphere/the products 6. atoms with a hydrogen/covalent bonds/central forces 7. by the atoms 8. from the atoms 9. in the atoms 10. (vibration/the mass) of the atoms, (types) of atoms, (the number) of hydrogen/carbon atoms	Phys
104	<i>called</i>	v.	1. (be) V n 2. V n 3. V n n 4. V adj 5. V n by n	1. is called Greek/ a prefix/the place of articulation /aphasia/a balad 2. called speech acts/the Goddess Aruru 3. called it sound track/it marriage/him a curse/ 4. called East Asian/analytic and synthetic/ normal 5. called things by their right names	Life
		adj.	1. v-link ADJ n	1. is/was so-called Homeric hymns	

105	<i>examples</i> <i>example (42)</i>	n.	1. det N 2. num N 3. poss N 4. adj N 5. N from n 6. N in n 7. N of n 8. from N 9. in N 10. of N	1. these/the/those examples 2. two examples 3. his/our/my examples 4. good/training/different/many examples 5. examples from our lives/my list/history 6. examples in artistic representations/physics/this /Latin America/extracurricular readings 7. examples of thunder/normal Greek custom/such sounds/languages/norm coordination traps 8. from those/these examples 9. in the/these/our/previous examples 10. (a couple/some) of examples, (a variety/some) of those examples	Math/Comp
106	<i>suppose</i>	v.	1. V to-inf 2. V Sentence.... [Imperative] 3. V that- 4. V n 5. V, n [a pause in talk to raise attention]	1. suppose to behave/deal/do/mean 2. Suppose I believe/do/go.... 3. Suppose that Olivia does/dualism is/ you're... 4. suppose there is a square/it's a big hairy dog 5. suppose, you were in a completely dreamless sleep/this is a slightly different point	Math/Comp, Soc
107	<i>multiply</i> <i>multiplying (574)</i>	v.	1. V n 2. V n by n	1. multiply two digit numbers/their ports 2. multiply each of those scores by 2.5	Math/Comp
108	<i>particular</i>	adj.	1. in ADJ 2. ADJ n 3. ADJ about n 4. ADJ to-inf 5. ADJ for n 6. ADJ on n 7. ADJ with n 8. ADJ without n/-ing 9. ADJ to n	1. in particular 2. particular institution/Corinthian pottery/things/ machinery/focus 3. particular about them/official headgear/ single-eave wooden/ 4. particular to look yellow/be about things /undermine 5. particular for the gerunds/the sake of which I'm using/ 6. particular on the writing section 7. particular with ancestors 8. particular without adverting 9. particular to women/this module/the EU	Math/Comp, Life
109	<i>sodium</i>	n.	1. det N 2. N n 3. adj N 4. N between n 5. N from n 6. N in n 7. N into n 8. N of n 9. by N 10. in N 11. of N 12. on N	1. the/a sodium 2. sodium light/chloride/ion/light/channels/atom 3. extra/higher sodium 4. sodium between the cells 5. sodium from the lumen 6. sodium in a normal cell/the body 7. sodium into a cell 8. sodium of glucose transporters 9. by sodium 10. in sodium, 11. (amount/solution/concentration/balance) of sodium, (those positive charges) of the sodium 12. on the sodium	Life, Phys
110	<i>pdf</i>	n.	1. det N 2. N n	1. the/a/this PDF 2. PDF	Math/Comp

			3. n N 4. adj N 5. N of n 6. by N 7. from N 8. in N 9. of N 10. under N	file/reader/link/document/versions 3. joint PDF 4. constant/exponential/geometric/n arrower/ conditional/ordinary/legitimate/giv en PDF 5. PDF of this form/a continuous random variable/ this random variable 6. by a PDF 7. from this PDF 8. in a PDF 9. (the height /the value/the shape) of this PDF 10. under this PDF	
111	<i>python</i>	n.	1. N n 2. N for n 3. in N	1. Python interpreter/code/playground/langu age/ program/book 2. Python for informatics/Everyone Specification 3. in Python	Math/Comp
112	<i>neuron</i> <i>neurons (73)</i>	n.	1. det N 2. ord N 3. adj N 4. N n 5. n N 6. N for n 7. N of n 8. N with n 9. by N 10. from N 11. in N 12. of N	1. a/this/the neuron 2. first/second neuron 3. presynaptic/immature/preganglion ic/every/ middle/single neuron 4. neuron fires/type/types/system 5. motor/Purkinje/pain neuron 6. neuron for the hamstring 7. neurons of the automatic system/ 8. neuron with an axon 9. by one neuron 10. from a neuron 11. in a neuron 12. (the anatomy) of a neuron, (the activity) of this neuron	Life
113	<i>music</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N by n 7. N from n 8. N for n 9. N in n 10. N of n 11. in N 12. of N	1. the music 2. my/your/his music 3. music project/talent/lover/group 4. piano/protest/rock/pop music 5. British/good/great/classical/western music 6. music by Hnadel/Mozart/Schubert 7. music from your own country/Tchaikovsky 8. music for all ages 9. music in duple/two beats/western culture 10. music of Mozart/Beethoven/that period 11. in music, in classical/pop music, in his music 12. (our world/a piece/ the elements/the power) of music, (the body) of the music, (the history) of western music	Human
114	<i>start</i>	v.	1. V n 2. V with n 3. V to-inf 4. V -ing 5. V by -ing 6. V from n 7. V at n 8. V about n	1. start a Facebook page 2. start with things/Bonaparte 3. start to adopt new standards/ask that question/ build a motor program/become 4. start exploring/propagating/speaking 5. start by addressing/doing/finishing	Math/Comp

			9. V with n 6. start from history/the basilica/the departure 7. start at the top/the bottom/the very beginning 8. start about the influence of the British writer 9. start with a question/the first sculpture/the task	
		n.	1. det N 2. N n 3. adj N 4. N to-inf 5. N of n 6. N by n 7. N from n 8. N to n 9. N towards n 10. N with n 11. at N 12. from N	1. a/the start 2. start programs/signal/link/position/nod e 3. good/fresh/healthy/civic start 4. start to occur/structure all these questions 5. start of this course/a link/a beautiful friendship/ construction/transcript/the class 6. start by acknowledging the tradition/building partnership/writing the equations 7. start from the position/0 8. start to a description of the carbon c 9. start towards our purpose 10. start with a letter/an underscore 11. at the start 12. from the start
115	<i>where</i>	wh-adv.	1. n WH-ADV- [adj clause] 2. v-link WH-ADV-	1. a situation where he can learn/a room where a charismatic figure is working/a place where he talks about the killing 2. that's where we eat food/the point is where we just ended in book five/this is where things start to get special/ where are you from?
		conj.	1 n CONJ	1. the island where he meets Nausicaa/a story where we see intense situations
116	<i>planet</i> <i>planets (118)</i>	n.	1. det N 2. poss N 3. ord N 4. adj N 5. n N 6. N n 7. on N 8. from N 9. of N	1. this/the/a planet 2. our/the bad guy's/Bob's planet 3. third planet 4. distant/earth-like/entire/another/b ig/massive/ extra/outer/inner/new planet 5. home planet 6. planet temperature/properties/surface/ flux/ closet /model/formation 7. on the/a planet 8. from the planet 9. (billions/warming/capacity) of this planet
117	<i>genes</i> <i>gene (139)</i>	n.	1. det N 2. poss N 3. adj N 4. n N 5. N in n 6. N from n 7. N for n 8. of N 9. on N 10. in N	1. the/these/those genes 2. your genes 3. different/individual/specific/recessive/abstract/ homeotic genes 4. chromosome/receptor/disease/target genes 5. genes in breast cancer/this segment/us/humans /the rice genome/families/those

				regions/the cell 6. genes from Black ancestors/a white ancestor/your parents/algae 7. genes for colon cancer/ 8. (activities/activity/activation/cluste r/ copies/ collection/a pair/versions) of genes 9. on the genes 10. in the genes	
118	<i>planets</i> <i>planet (116)</i>	n.	1. det N 2. num N 3. n N 4. N n 5. adj N 6. N as n 7. N of n 8. N in n 9. N towards n 10. in N 11. of N 12. on N	1. these planets 2. two/three planets 3. dwarf/image planets 4. planets surface/temperature 5. solar/giant/solo/extrasolar/known/ other/larger/ inner planets 6. planets against the stars 7. planets of comparable size/the solar system/Mars 8. planets in the solar system/the major Jovian moons/orbit 9. planets towards the center/outside 10. in planets 11. (properties/movements/types) of the planets, (the history/the atmosphere) of other planets 12. on the/other planets	Phys
119	<i>speed</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N between n 7. N of n 8. at N	1. the speed 2. your speed 3. speed limit/button/Internet/train/option / camera 4. wave/wind speed 5. normal/same/infinite/enormous speed 6. speed between 4 and 5 seconds 7. speed of the light/the car/processing/bicycle /the beat/change/diffusion/the development 8. at that/the speed	Phys
		v.	1. V n 2. V up 3. V up n 4. V with n	1. speed this/the battle 2. speed up 3. speed up the radio/economic growth 4. speed with what we're actually preparing	
120	<i>chromosome</i> <i>chromosomes (275)</i>	n.	1. det N 2. poss N 3. adj N 4. N n 5. n N 6. N from n 7. N in n 8. N of n 9. N with n 10. from N 11. in N 12. into N 13. of N 14. on N	1. this/the/a chromosome 2. its/your/their chromosome 3. same/human/given/each/normal/l ittle/big/ other/ chromosome 4. chromosome theory/number/pairs/level 5. Philadelphia chromosome 6. chromosome from their father/mother/dad 7. chromosome in females/their cells 8. chromosome of the cell/the bacteria/that organism 9. chromosome with a mutant allele/a wild type copy 10. from our chromosome 11. in the same chromosome, in the chromosome	Life

				12. into the chromosome 13. (copies/number/tail/segment/versions) of chromosome, (these two replicated copies) of this chromosome 14. on the/this chromosome	
121	<i>parameter</i> <i>parameters (258)</i>	n.	1. det N 2. num N 3. ord N 4. poss N 5. N n 6. n N 7. adj N 8. N of n 9. by N 10. in N 11. of N	1. a/the/this parameter 2. one parameter 3. second parameter 4. your/my parameter 5. parameter error/sigma/vectors/epsilon/space 6. aversion/correlation/lambda/landscape/quality parameter 7. unknown/another/different/every/extra/final/first/estimated/important/true parameter 8. parameter of Theta/2 /a uniform distribution 9. by the parameter 10. in one/the parameter 11. (a function/the value) of the parameter, (the dimension) of our parameter	Math/Comp
122	<i>happens</i>	v.	1. V 2. It V that-clause 3. V to-inf	1. this happens 2. It happens that someone has... 3. It happens to be true/first	Math/Com, Life, Phys
123	<i>interval</i>	n.	1. det N 2. ord N 3. n N 4. adj N 5. N between n-pl 6. N of n 7. of N	1. the/an/this interval 2. first/second interval 3. time/confidence interval 4. invariant/variable/timelike/prime interval 5. interval between one and two/two points/a and b/zero and one 6. interval of time/height/length 7. (an element/the width) of the interval	Math/Comp
124	<i>membrane</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N between n 6. N of n 7. by N 8. of N 9. in N 10. on N 11. within N	1. the/this/that membrane 2. membrane potential/filters/cutters/ proteins/ permeability 3. plasma/basement membrane 4. basilar/integral/tympanic/outer/inner/ artificial/ negative membrane 5. membrane between the air space and the earth/ those cells 6. membrane of a cell/the cell/a neuron 7. by a membrane 8. (a small depolarization/deformation/one side) of the membrane, (passive responses) of that membrane 9. in the/either membrane 10. on the membrane 11. within the membrane	Life
125	<i>theorem</i>	n.	1. det N 2. poss N 3. n N 4. adj N	1. this/a/the theorem 2. Fisher's/Taylor's theorem 3. division/limit/ probability/expectation/function/	Math/Comp

			5. N as n 6. N in n 7. N on n 8. N of n 9. N for n 10. at N 11. by N 12. in N 13. of N	mean-value/squeeze/uniqueness theorem 4. fundamental/famous theorem 5. Central Limit Theorem as a model, 6. theorem in computer science 7. theorem on sums of two squares 8. theorem of the linear algebra/calculus/relativity 9. theorem for autonomous system 10. at the theorem 11. by Fermats/Pythagoren theorem 12. in the theorem 13. (a statement/the name/an important part) of the theorem, (a proof) of this theorem	
126	<i>epsilon</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N in n 6. N of n 7. at N 8. by N 9. of N 10. within N	1. this/an epsilon 2. epsilon term/x / y / 3 3. parameter/distance/number epsilon 4. positive/negative/small epsilon 5. epsilon in magnitude 6. epsilon of L/ 20 7. at epsilon 8. by epsilon 9. (the value/values/the right/the size) of epsilon, (the arbitrariness) of the epsilon 10. within epsilon	Math/Comp, Phys
127	<i>resistor</i> <i>resistors (485)</i>	n.	1. det N 2. n N 3. N n 4. adj N 5. N from n 6. N in n 7. N of n 8. N to n 9. N with n 10. by N 11. in N 12. of N 13. on N 14. with N	1. a/the/this resistor 2. feedback/flex/load/source/load /circuit/input/ series resistor 3. resistor network/behavior/relation 4. big/large/little/discrete/fixed resistor 5. resistor from a high potential 6. resistor in that electric circuit 7. resistor of resistance/some value 8. resistor to it/the total resistance 9. resistor with input/resistance 10. by another resistor 11. in a/that resistor 12. (side/top/length/end/lead) of the resistor 13. on the resistor 14. with a resistor	Math/Comp
128	<i>equations</i> <i>equation (30)</i>	n.	1. det N 2. poss N 3. num N 4. n N 5. adj N 6. N to-inf 7. N between n-pl 8. N from n 9. N of n 10. N for n 11. N from n 12. N in n 13. N with n 14. by N 15. from N 16. of N 17. in N	1. the/these/those equations 2. Maxwell's equations 3. two/three equations 4. transformation/design/node/equilibrium/ demand equations 5. political/mathematical/differential /linear/basic /homogeneous/algebraic/autonomous equations 6. equations to figure out/solve it/calculate the mass 7. equations between the voltages and currents/ different quantities 8. equations from Maxwell/the KCL/Hooke's Law 9. equations of the converter/motion/the ideal transformer/the current/the ideal transformer	Math/Comp, Phys

				10. equations for this case/plane strain/normal strain/ the boost converter/the concentration of A 11. equations from part one/Maxwell 12. equations in the coefficients/your mathematics course/this graph/the pi 13. equations with the underlying assumption/the G 14. by two/these equations 15. from the equations 16. (details/the form) of equations, (one) of the equations, (the system) of differential equations 17. in the equations	
129	<i>relativity</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N of n 6. N to n 7. of N	1. the/a relativity 2. relativity effects/theory/concepts 3. Einstein theory 4. cultural/general theory 5. relativity of color perception/treaties/clock synchronization/simultaneity 6. relativity to quantum mechanics/the new theory/ this case 7. (the theory/the principle) of relativity	Phys
130	<i>earth</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N as n 6. in N 7. on N 8. of N 9. out of N 10. under N	1. the/an earth 2. earth clock/system/radius/radii/metal/frame/ perspectives /masses/base/wall 3. Google/planet/Mother Earth 4. rammed/shaking/burnt earth 5. earth as insulation/an egg/an architectural material 6. in the earth 7. on the earth, on earth 8. (mass/parts/hills/color/layers/diameter/study/ surface/rotation) of the earth 9. out of the earth 10. under the earth	Phys
131	<i>module</i>	n.	1. ord N 2. adj N 3. N by n 4. N for n 5. N of n 6. N in n 7. N on n 8. in N 9. of N	1. first/second/last module 2. previous/particular/every/next module 3. module by Roberta 4. module for all those different languages 5. module of economics/our course/this MOOC/ 6. module in our MOOC/genomics 7. module on vectors/multivariate distributions/ non-linear programming/Brownian motion/ European Business Law 8. in the first module, in module 2, in this module 9. (the topic/the video/the rest/the end) of this module	Life, Soc
132	<i>maybe</i>	adv.	1. ADV sentence	1. maybe they come together	Math/Com, Phys
133	<i>temperature</i>	n.	1. det N 2. n N	1. the temperature 2. body/room/Fahrenheit/air	Phys

			3. N n 4. poss N 5. adj N 6. N in n 7. N of n 8. at N	temperature 3. temperature difference/dependence/anomalies / requirements/level/range 4. star's/earth's temperature 5. high/low/average/absolute temperature 6. temperature in the city 7. temperature of the star/the planet/the caldarium/ the heat source/the room/the body 8. at room/a temperature	
134	<i>gives</i>	v.	V n n V n	-gives us a window/us a depiction of a corner/them a really positive focus/us pleasure/us a way of thinking -gives a nod/the illusion	Math/Comp
135	<i>divided</i>	v.	1. (v-link) V into n 2. (v-link) V by n 3. V n into n 4. V n	1. was divided into 10 units 2. was divided by a bridge/a second gate 3. divided China into nine zones 4. divided the colonies/powers	Math/Comp, Phys
		adj.	1. ADJ n 2. ADJ by n	1. divided power/line/strings/walls/groups 2. divided by epsilon	
136	<i>receptors</i> <i>receptor(153)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N between n-pl 7. N by n 8. N for n 9. N from n 10. N in n 11. N of n 12. N on n 13. from N 14. at N 15. of N	1. the receptors 2. his/their receptors 3. acetylcholine/barrel/estrogen/surface receptors 4. protein-coupled/sensory/adrenergic/muscarinic /different/metabotropic/sensory /specific receptors 5. receptors to increase heart rate/set up signals/ receive that glutamate 6. receptors between vesicular pools 7. temperature for glutamate/follicle/the hormone /testosterone/cocaine 8. receptors by re-uptake 9. receptors from the pools/postsynaptic membrane 10. receptors in the organs/the muscles/muscle/the human brain/the induction 11. receptors of our retinas 12. receptors on the cell surface/a target cell/the organs/the next cell 13. at the receptors 14. from the/their receptors 15. (types/kinds/the variety/the level) of receptors, (the affinity) of the receptors, (different types) of (glutamate/metabotropic) receptors	Life
137	<i>volts</i> <i>volt (392)</i>	n.	1. num N 2. n N 3. adj N 4. N as n 5. N between n 6. N for n	1. 150/a hundred/100/three volts 2. electron volts 3. few volts 4. 2.5 volts as my noise margin 5. volts between the digital ground and the five volt pin/the plus	Math/Comp

			7. N of n 8. at N 9. of N 10. with N	terminal and the minus terminal 6. volts for the full scale/some fraction of the time 7. volts of reverse voltage/Rin/noise margin 8. at 3 volts 9. (a supply) of 9 volts, (tens/a couple) of volts 10. with 9 volts	
138	<i>root</i>	n.	1. det N 2. num N 3. ord N 4. adj N 5. N n 6. n N 7. adj N 8. N for n 9. N from n 10. N in n 11. N into n 12. N of n 13. N to n 14. at N 15. by N 16. from N 17. of N	1. the root 2. one root 3. fourth root 4. same/complex/dorsal/aggressive root 5. root respiration/function/position/nine/w eight 6. square/nerve/cube/radius root 7. aortic/ventral/sensory root 8. root for the names 9. root from an olive tree/this 10. root in the bass 11. root into a spinal nerve 12. root of leisure/consumption/the scale/the chord/ coronary heart disease 13. root to freedom/the characteristic polynomial 14. at the root 15. by square/a root 16. from the root 17. (the base/the weight) of the root,	Math/Comp, Phys
		v.	1. V for n	1. root for it	
139	<i>gene</i> <i>genes (117)</i>	n.	1. det N 2. N n 3. n N 4. poss n 5. adj N 6. N to-inf 7. N for n 8. N from n 9. N in n 10. N of n 11. N on n 12. N with n 13. of N 14. in N	1. a/the/this gene 2. my gene 3. gene expression/regulation/number/ function 4. globin/disease/mouse/pseudo/stop gene 5. next/unknown/single/particular/same/ horizontal /every/blue gene 6. gene to direct the production/compare them 7. gene for the body color/the second trait/penicillin /Hunington/the disease 8. gene from the mother/any other gene 9. gene in the population/mouse/the genome 10. gene of interest 11. gene on the X/ chromosome number 11/ it 12. gene with that exon structure/a Neanderthal allele 13. (the copy/the version/alleles) of the/a gene 14. in a gene	Life
140	<i>graph</i>	n.	1. det N 2. poss N 3. adj N 4. N n	1. a/the graph 2. our graph 3. connected/directed/different/entire/	Math/Comp

			5. n N 6. N of n 7. N between n 8. N from n 9. from N 10. at N 11. in N 12. on N 13. of N 14. Here be-v det N to-inf	following/ interesting/little/ancient graph 4. graph paper/search 5. bar/top/bottom/position graph 6. graph of the basketball/function/a solution/the dotted line/this racer 7. graph between two temperatures/a and b 8. graph from the world data/James Moody 9. from our graph 10. at the graph 11. in this graph 12. on a/the graph 13. (side/top/part/slope) of the graph 14. Here is a graph to demonstrate this.	
		v.	1. V n 2. V n as n	1. graph that/something/this situation 2. graph this as one long line	
141	<i>slope</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. N to n 8. at N 9. by N 10. in N 11. of N 12. on N 13. with N	1. a/the/this slope 2. its/our slope 3. slope fields/field/marks 4. maximum slope 5. large/little/low/initial/negative/steep slope 6. slope of this graph/this line/the function 7. slope to the crust 8. at a certain slope 9. by the slope 10. in the/this slope 11. (the surface/the concept) of a slope, (a line) of this slope 12. on a/the slope 13. with a slope	Math/Comp, Phys
		v.	1. V adv 2. V to n	1. slope upwards/downward 2. slope to a vast plaza	
142	<i>probabilities</i> <i>probability (17)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N as n 6. N between pl-n 7. N of n 8. N on n 9. N in 10. N to n 11. from N 12. of N	1. these/the probabilities 2. their/my probabilities 3. default/transition/outcome/period probabilities 4. risk-neutral/binomial/associated/conditional/ corresponding/equal/fixed/ individual probabilities 5. probabilities as frequencies 6. probabilities between sequences of syllables and pictures/those states 7. probabilities of all the elements/the different scenarios/the different values/ small intervals/ that event occurring 8. probabilities on each slide 9. probabilities in the original model 10. probabilities to the different outcomes/ individual points/whole sets/that 11. from computing probabilities 12. (the sum) of the probabilities, (a ratio) of two probabilities	Math/Comp
143	<i>write</i>	v.	1. V	1. I write	Math/Comp

			2. V n 3. V about n 4. V n on n 5. V n in n	2. write simple satire/a title/a grammar/music 3. write about this/the course/an obsessive love relationship 4. write A3 on the bottom right hand corner /notes on the staff/the story on a tablet 5. write A2 in the bottom right hand corner /an essay in an exam -	
144	<i>maharbiz</i>	n.	proper noun, name	1. Michel Maharbiz	Math/Comp
145	<i>how</i>	adv	1. ADV adj	1. how shameless he is/how different exactly are we/ how amazing glorious Zeus is/how important it is	Life, Soc
		conj	1. v CONJ 2. v CONJ to-inf	1. we saw how a great hero can be built 2. know how to build it/do it	
146	<i>simple</i>	adj.	1. ADJ n 2. ADJ for n 3. ADJ in n 4. ADJ as n	1. simple door/song/terms/life/idea/loop/sense 2. simple for the important position/me 3. simple in style/structure 4. simple as editing documentation	Math/Comp
147	<i>quantity</i>	n.	1. det N 2. ord N 3. n N 4. adj N 5. N from n 6. N in n 7. N of n 8. in N 9. of N	1. this/a/the quantity 2. second quantity 3. equilibrium/random quantity 4. positive/negative/entire/conserved / certain/large/ numeric/particular/physical quantity 5. quantity from you 6. quantity in food/the electricity 7. quantity of output/real variables/information/ products/labor/ice cream/work/pleasure 8. in quantity, in the/tha quantity 9. (that/this maxim) of quantity	Math/Comp, Soc
148	<i>google</i>	n.	proper noun, name 1. N n 2. for N 3. on N	-Google 1. Google Translate/Earth/Hangout/map/news/spreadsheet/Chrome/sites/announcement 2. for Google 3. on Google	Soc
		v.	1. 111V n	-google these terms	
149	<i>slide</i>	n.	1. det N 2. ord N 3. poss N 4. n N 5. N n 6. adj N 7. N by n 8. N from n 9. N of n 10. in N 11. from N 12. of N 13. on N	1. the/this slide 2. first/lastq slide 3. my slide 4. glass slide 5. slide trumpet/image 6. previous/next/complex/another/bl ank/ earlier/ each/next/particular/opening slide 7. slide by the letter PITX2 8. slide from lecture 1/our very first lecture/a free piece of software 9. slide of Mozart/a map/some music of this period / this segment 10. in the/this previous slide 11. from the slide 12. (the bottom/the middle/the	Math/Comp, Life

				top/the rest) of the slide 13. on the slide, on our next slide, on a slide	
		v.	1. V n 2. V by n 3. V off n 4. V over n 5. V through n/-ing 6. V in n 7. V n into n 8. V adv	1. slide the hammers/the box/those surfaces 2. slide by each other 3. slide it off, slide off the vacanoles 4. slide over the thick filaments/myosin 5. slide through these patterns 6. slide in an Android phone 7. slide it into the mail slot, slide it into its appropriate location 8. slide by/backwards/down	
150	<i>things</i>	n.	1. det N 2. num N 3. adj N 4. n N 5. N to-inf 6. N about n 7. from N 8. of N	1. these/those/the things 2. two things 3. wonderful/other/different/physical / terrible/ great/strange things 4. food things 5. things to give us a change of pace/go/kill them/ talk about 6. things about the lay of the land/Ajax/Ulysses/ being a journalist/your own language 7. from sweet/these things 8. (some/one/sorts) of the things, (coherent illustration) of these things	Human, Life, Phys, Soc
151	<i>second</i>	v.	1. V n	1. second whatever it is/balance	Math/Comp, Phys
		number	1. number 2. num N	1. the second 2. the second version/marriage	
		n.	1. det N 2. adj N 3. at N 4. for N 5. in N 6. of N	1. a/this/the second 2. a major/every second 3. at any second 4. for a second 5. in a/this second 6. (fractions of) a second, (themes of) this second, (a split) of second	
152	<i>infinity</i>	n.	1. det N 2. adj N 3. n N 4. N within n 5. at N 6. of N	1. the infinity 2. discrete/negative/minus/digital infinity 3. time/energy infinity 4. infinity within a distance of epsilon 5. at infinity 6. (the sizes/the properties/input resistant) of infinity	Math/Comp
153	<i>receptor</i> <i>receptors (136)</i>	n.	1. det N 2. adj N 3. poss N 4. n N 5. N n 6. of N	1. a/the/its receptor 2. nicotinic/coupled/sensory/adrenergic/ olfactory receptor 3. its receptor 4. insulin/ estrogen/ factor/glutamate receptor 5. receptor neuron/neurons/number/types 6. (the subtype/the type/the class/the kind) of receptor, (a subtype) of the receptor	Life
154	<i>amino</i>	n.	1. det N 2. N n	1. the/an amino 2. amino acids/groups	Life
155	<i>length</i>	n.	1. det N 2. poss N 3. N n	1. the length 2. my/arm's length 3. length	Mat/Comp, Phys

			4. n N 5. adj N 6. N of n 7. at N 8. in N 9. of N	discrepancy/contraction/mirror 4. line/string/path/semester/wave/string length 5. proper/original/same/equal length 6. length of lines/time/the diagonal/axons/ Bob's ship/bar/the ship/bay 7. at length, at great length 8. in length 9. (the interval/the duration) of length	
156	<i>genome</i> <i>genomes (950)</i>	n.	1. det N 2. poss N 3. n N 4. N n 5. adj N 6. N of n 7. from N 8. in N 9. into N 10. of N	1. a/this/the genome 2. your genome 3. mouse/cancer/reference/HIV genome 4. genome project/sequence 5. human/whole/bacterial/bigger/dynamic/ entire/ fetal/nuclear/long genome 6. genome of a dog/four million bases/the bacteria /the organism 7. from the genome 8. in the/a genome 9. into the genome 10. (section/disease/2%) of genome, fraction/copy of our genome	Life
157	<i>mutations</i> <i>mutation (283)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N between n-pl 6. N from n 7. N in n 8. N of n 9. in N 10. of N	1. the mutations 2. our mutations 3. function mutations 4. genetic/different/good /harmful /new mutations 5. mutations between onion and maize 6. mutations from the population 7. mutations in the genome/the tumor/a gene 8. mutations of these genes 9. in the/many/DNA mutations 10. (the rate/a small number/the effect) of the mutations	Life
158	<i>pagoda</i>	n.	1. det N 2. n N 3. N n 4. adj N 5. N at n 6. N in n 7. N from n 8. N of n 9. N with n 10. of N 11. in N 12. on N	1. this/the/a pagoda 2. multi-story/goose/Qing/Shandao pagoda 3. pagoda body 4. wooden/current/solid pagoda 5. pagoda at Dazu/Suzhou/Huzhou 6. pagoda in China 7. pagoda from middle ancient times 8. pagoda of Buddhist relics/Bao'en Temple /Fogong Temple 9. pagoda with a thousand of Buddhist/different shapes 10. (the type/the body/the design) of pagoda 11. in this pagoda 12. on the pagoda	Human
159	<i>motor</i>	n.	1. N n 2. adj N	1. motor program/skills/oil//system/unit/ neurons 2. lower/upper/migratory/somatic motor	Life
		adj.	1. ADJ n	1. motor pathways/experiences/signals/loops	

160	<i>sensory</i>	adj.	1. ADJ n	1. sensory evidence/experiences/nerve/ phonics	Life
161	<i>inputs</i> <i>input (56)</i>	n.	1. det N 2. poss N 3. adj N 4. n N 5. N to-inf 6. N from n 7. N into n 8. N to n 9. N of n 10. from N 11. in N 12. of N	1. the/these/those inputs 2. its inputs 3. sensory/different/descending/external inputs 4. production/function/energy/factor inputs 5. inputs to achieve threshold 6. inputs from other locations/different places/tiny axons/somatic sensory pathways /the cortex/the brain stem/the cerebral cortex 7. inputs into the policy process/a commodity/the process of production/a worthwhile life 8. inputs of economic resources 9. inputs to the basal ganglia/the pallidum/the cerebellum/our effector systems/the nucleus accumbens/rivers 10. from cortical/nociceptive inputs 11. in your inputs 12. (the qualities/the production) of inputs, (a soft copy) of your inputs	Math/Comp, Life
		v.	1. V n	1. inputs my email/an empty line/a file pointer	
162	<i>star</i>	n.	1. det N 2. poss N 3. ord N 4. N n 5. n N 6. adj N 7. N of n 8. at N 9. from N 10. in N 11. of N	1. a/the/this star 2. his/the earth's/our star 3. first/second star 4. star wars/Trek/pairing/clock/system/magazine 5. rock/pop/porn/movie/neutron/film/pop star 6. hotter/nearest/little/shooting/bright/ nearby /typical star 7. star of the play/the octagonal city 8. at the star 9. from the/its star 10. in a star 11. (the radius/the size) of the star	Phys
		v.	1. V n 2. V n as n	1. star Audrey Hepburn 2. star Yul Brynner as the King of Siam	
163	<i>idea</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N to-inf 6. N about n 7. N behind n 8. N from n 9. N in n 10. N of n 11. N on n 12. from N 13. in N 14. N that-[apposition]	1. an/the idea 2. my idea 3. idea generation 4. good/great/main/central/whole/basic/whole/ general/primitive/same idea 5. idea to get started/get rid of Chinese altogether 6. idea about myth/what kind of machines it is/ what literature is/liberty/marriage/solar power 7. idea behind emotivism/relativism/Rawls's claim/your defense/this program 8. idea from the Atlantic Slave Trade/taking the tools	Human, Soc

				9. idea in economics/copyright/ 10. idea of justice/whether we're going to.../ myth/a story/birth/pietas/marriage/fire and water/fighting 11. idea on planning 12. from an idea 13. in the idea 14. the idea that you should be buried/history is moving/languages serve as a communication tool	
164	<i>layer</i> <i>layers (646)</i>	n.	1. n N 2. ord N 3. adj N 4. N to-inf 5. N between pl-n 6. N of n 7. from N 8. in N 9. of N 10. on N	1. varnish/input/action/proposition/peel layer 2. first/second/third layer 3. pragmatic/frictional/important/double layer 4. layer to make white 5. layer between the columns and the .../air and the paint lay/the stories 6. layer of meaning/bracket sets/meaning/lime/water/cells/written laws/brickwork 7. from any/one layer 8. in layer 3, in this/certain/that layer 9. (part) of the layer 10. on a layer	Math/Comp
165	<i>line</i> <i>lines (455)</i>	n.	1. det N 2. poss N 3. ord N 4. adj N 5. n N 6. N n 7. N against n 8. N between n 9. N from n 10. N of n 11. N in n 12. in N 13. of N 14. on N	1. the/this/a line 2. Apollo's line 3. first/second/third/fourth line 4. last/horizontal/straight/big/best/black/ blue/ thin/ famous/upper/funny line 5. bottom/tangent/absorption/assembly/axis/ family/party/base/world line 6. line segments/noise/plots/lengths/cells /hills/ elements /drawing 7. line against Goths 8. line between two of us/humans and animals 9. line from a famous English hymn 10. line in that essay/the facade 11. line of same location/simultaneity/this course /the epic/the curve 12. in a line, in line 353, in line, in the line 13. (the equation/the slope/the end) of a line, (types) of line 14. on this line	Math/Comp, Phys
		v.	1. V n 2. V up 3. V up n 4. V up with n 5. V n from n	1. line a whole series 2. line up 3. line it/them up, line up things 4. line up with collective interests/the wavelengths 5. line voltage from phase A	
166	<i>acids</i>	n.	1. adj N 2. n N 3. N to-inf	1. fatty/fixed acids 2. amino/bile/nucleic acids 3. acids to make our lipids/make	Life, Phys

	<i>acid (204)</i>		4. N for n 5. N from n 6. N in n 7. N of n 8. N within n 9. of N 10. with N	proteins 4. acids for their RNA 5. acids from the diet/metabolism/cholesterol 6. acids in the blood/protein/the protein chain 7. acids of this polypeptide 8. acids within the cell 9. (the amount/the chain) of (amino) acids, (equal amounts) of the acids 10. with acids	
167	<i>beta</i>	n.	1. N n 2. n N 3. adj N 4. N of n 5. of N	1. beta stage/myth/amyloid/protein/cell/sheets 2. power/sine/situation beta 3. standardized/squared beta 4. beta of assets/that payoff x 5. (secant/power) of beta	Math/Comp, Life
168	<i>interesting</i> <i>intersted (507)</i>	adj.	1. ADJ n 2. ADJ to-inf 3. ADJ about n 4. ADJ to n	1. interesting algorithms/symbol/ways 2. interesting to think/see/hear about music from you/recover/look at the writing system 3. interesting about this dialogue 4. interesting to me	Human, Life, Soc
		v.	1.(v-link) V n	1. it's interesting the uses of satire/the Anglophone countries	
169	<i>sequence</i> <i>sequences (616)</i> <i>sequencing (715)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N by n 7. N for n 8. N of n 9. at N 10. by N 11. in N 12. of N 13. on N	1. a/the sequence 2. our/his sequence 3. sequence space/difference/navigator 4. DNA/lecture/bar sequence 5. melodic/famous/main/narrative sequence 6. sequence by the Italian poet Petrarca 7. sequence for dating three rings 8. sequences of stories/numbers/option/random events/the whole human/the four orders/auditory units/steps/cash flows 9. at the/this sequence 10. by the sequence 11. in this/the sequence 12. (the change) of sequence 13. on a/the sequence	Math/Comp, Life
170	<i>moles</i> <i>mole (511)</i>	n.	1. num N 2. adj N 3. N of n 4. of N 5. in N	1. 2.5 moles 2. equal/fewer moles 3. moles of ammonia/carbon dioxide/ions/ sodium chloride/nitrogen dioxide/gas 4. (numbers/the amount/the number) of moles 5. in moles	Phys
171	<i>oxygen</i>	n.	1. det N 2. N n 3. adj N 4. of N 5. on N 6. with N 7. without N	1. the oxygen 2. oxygen content/pressure/atom 3. pure/enough/extra/dissolved oxygen 4. (the delivery/entry/the pressure/the content/ the amount/lower levels) of oxygen 5. on pure oxygen 6. with oxygen 7. without the oxygen	Life, Phys

172	<i>atom</i> <i>atoms (103)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N of n 6. in N 7. of N 8. within N	1. an/the atom 2. atom system/spectrum/bomb/count 3. nitrogen/sodium/carbon/chlorine/ fluorine/zinc /helium/hydrogen atom 4. central/another/each/electronegat ive/each/ every/gold atom 5. atom of another type/nitrogen/hydrogen/ 6. in a hydrogen atom, in an atom 7. nucleus/structure/valence/size/ma ss/discussion of an/the atom, type of atom 8. within an atom	Phys
173	<i>negative</i>	adj.	1. ADJ n 2. ADJ about n 3. ADJ in n 4. ADJ for n 5. ADJ to n 6. ADJ to-inf	1. negative method/controls/number/ correlations /traits/events/thoughts 2. negative about the outcomes/her/everything 3. negative in violence/valence/all cases/in my action/in tone/that sport 4. negative for European call 5. negative to social welfare/them/the left 6. negative to hurt your partner's feeling	Phys, Math/Comp
		n.	1. det N 2. n N 3. N of n 4. N on n	1. the/a negative 2. position negative 3. negative of the partial derivative/the energy/the logarithm 4. negative on negative	
174	<i>case</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N against n 7. N by n 8. N for n 9. N from n 10. N in n 11. N of n 12. N with 13. in N 14. N that- [apposition]	1. the/a case 2. Hesiod's/our/her case 3. case study/basis/studies 4. court case 5. upper/lower/trivial/big case 6. case against redistribution/the value of prayer/ Napster 7. case by the British/case/case basis 8. case for the Greeks/Confucianism/Schubert 9. case from the Ottoman Empire/any control/the view ponts of patients 10. case in the Chinese urban design 11. case of Helen/Polyphemus/Jupiter/the marriage 12. case with this preference/some ancient temples 13. in the/this case/Mozart 14. case that myths are just lies/those were the same	Math/Comp, Phys, Soc
175	<i>einstein</i>	n.	proper noun	1. name, Einstein	Phys
176	<i>look</i> <i>looks (337)</i>	n.	1. det N 2. poss N 3. adj N 4. N at n 5. N for n 6. N of n	1. a/the look 2. our look 3. closer/brief/quick/close look 4. look at Book/Coulomb's Law/this/it/this ancient world/the nature/this picture/those key	Math/Comp, Phys

			7. from N 8. in N 9. of N	terms 5. look for the idea of temptation/binary positions 6. look of the figures/sheer horror/the beards 7. from the look 8. in the look 9. (the start) of our look, (many presentations) of a look	
		v.	1. V [imperative] 2. V at n 3. V adj 4. V like n 5. V for n 6. V to n 7. V into n 8. V in n 9. V through n 10. V after n 11. V by n 12. V from 13. V towards n 14. V on n	1. Look, if you're.... 2. look at China/another example/those parts/ my activity/his strength/what Anchises does/what it says 3. look closer/impressive/happy/so shabby 4. look like Foala/French movie stars/a Greek/a building 5. look for the light/Chicago/Homer 6. look to God/Rossini and Donizetti/a Trojan background 7. look into yourself/an important online reference 8. look in your everyday life/German politics 9. look through that veil/these videos 10. look after those menial tasks/what will be called/a whole community 11. look by income 12. look from the perspective of architecture 13. look towards a commentary body/indigenous sources 14. look on their city/my right/the opposite side	
177	<i>lambda</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N of n 6. N over n 7. by N 8. of N 9. with N	1. a lambda 2. 2/100 lambda 3. length/parameter/minus lambda 4. increasing/decreasing lambda 5. lambda of four over eight 6. lambda over m/C/D 7. by lambda 8. (the value/a small value/the interpretation/the reverse) of lambda 9. with lambda	Math/Comp
178	<i>happiness</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N from n 6. N of n 7. of N 8. to N	1. the happiness 2. my/your happiness 3. happiness levels/research/business 4. overall/universal/deadly/collective happiness 5. happiness from outcomes/the work of Professor Barbara 6. happiness of toddlers/many people 7. (the definition/the pursuit) of happiness 8. to the/your happiness	Life
179	<i>muscle</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. of N	1. a/the muscle 2. your muscle 3. muscle cells/fibers/tone/tissue/size/mass/ motor 4. biceps/extensor/flexor/heart	Life

			7. in N	muscle 5. skeletal/smooth/antagonistic/cardiac/striated/contracting/individual/intrafusal muscle 6. (the skills/the types/the length/the states) of the muscle, (the work) of a muscle 7. in the/our muscle, in muscle	
180	<i>electron</i> <i>electrons (53)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N for n 6. N from n 7. N in n 8. of N	1. an/the electron 2. electron microscope/affinity/clouds/ cloud/ carrier /configuration/density map/density 3. energy/valence electron 4. single/full/ejected electron 5. electron for repulsion/each carbon atom 6. electron from an atom/one atom 7. electron in any given state/an atom 8. (the attraction/ the condition/the discovery/the energy/the relation/the indicator/the mass) of the/an electron	Phys
181	<i>potassium</i>	n.	1. N n 2. n N 3. adj N 4. N from n 5. N in n 6. N into n 7. of N	1. potassium channel/concentration/flow/current/ conductance /ions/phosphate 2. blood/sodium potassium 3. sensitive potassium 4. potassium from the blood 5. potassium in the blood 6. potassium into the urine 7. (the amount/the concentration/the influx/ the efflux/the levels) of potassium	Life
182	<i>speaker</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. of N	1. the/a/this speaker 2. your speaker 3. speaker systems/design/cabinet/ enclosure/box 4. guest/reflex speaker 5. Chinese/English/another/native/ loud/ported /perfect speaker 6. speaker of English/that language 7. (the back/the response/the diameter) of the speaker	Math/Comp, Human
183	<i>dot</i> <i>dots (696)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N in n 6. N of n 7. N on n 8. at N	1. a/this dot 2. Lewis dot structure, dot notation/slash function 3. string dot 4. little/red/green/every/same dot 5. dot in the middle 6. dot on the secondary winding 7. dot of the winding 8. at the dot	Math/Comp, Phys
		v.	1. V n	1. dot this area/the hills	
184	<i>columns</i> <i>column (266)</i>	n.	1. det N 2. n N 3. adj N 4. N at n 5. N from n 6. N in n 7. N of n 8. N on n 9. N with n	1. the columns 2. corner/dominance/eave/hypostyle / inscription columns 3. omitting/central-bay/cortical/different/large/ giant /dorsal/exterior/dorsal/medial columns	Human

			10. of N 11. in N	4. columns at the front eaves/the ground level 5. columns from a curve 6. columns in the body/the inner space/the hall /this chart/the back/the hall/the matrix/the center 7. columns of lower motor neurons/the spinal cord /the second story/the ground level 8. columns on this parapet/both sides 9. columns with capitals/square ones/the triumphal arch 10. (couple/grid/number/rows) of columns 11. in the columns	
185	<i>neural</i>	adj.	1. ADJ n	1. neural realization/firings/signal/control/net work	Math/Comp, Life
186	<i>axons</i> <i>axon (243)</i>	n.	1. det N 2. adj N 3. poss N 4. n N 5. N from n 6. N in n 7. N into n 8. N of n 9. of N 10. in N	1. these/the/those axons 2. different/growing/myelinated/ preganglionic /sensory axons 3. their axons 4. motor axons 5. axons from the sensory neurons/the trigeminal nerve/the hypothalamus 6. axons in the brain/the fourth nerve 7. axons into the optic tract 8. axons of neurons/retinal ganglion cells/ the corticospinal/the internal capsule 9. (the length/the bulk/the course) of axons 10. in axons	Life
187	<i>direction</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N between pl-n 6. N for n 7. N from n 8. N of n 9. in N 10. with N 11. to N	1. the direction 2. one direction 3. stage/concept direction 4. different/same/Swedish/wrong/many/ conceivable direction 5. direction between various points 6. direction for the creative weeks to come/ the woman 7. direction from bel canto 8. direction of change/Hebriana/Italian/the melody/ greater objectivity/this process/world trade 9. in a certain direction, in this/the direction 10. with solstice direction 11. to left/right direction	Phys
188	<i>circuits</i> <i>circuit (83)</i>	n.	1. det N 2. n N 3. adj N 4. N for n 5. N in n 6. N of n 7. from N 8. in N 9. of N 10. within N	1. the/these/those circuits 2. reward/motor/analog circuits 3. neuronal/cortical/local/combinational/digital/ cerebellar /determined/electrical circuits 4. circuits for motor control 5. circuits in the brain/the spinal cord 6. circuits of upper motor neurons/the spinal cord 7. from the circuits 8. in circuits, in those circuits 9. (the output/the function/the	Math/Comp

				structure) of the circuits 10. within circuits	
189	<i>lander</i>	n.	proper noun, name	proper noun Eric S. Lander	Life
190	<i>plot</i> <i>plotted (892)</i> <i>plotting (908)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N for n 8. N in n 9. N of n 10. at N 11. in N 12. of N 13. on N	1. a/the plot 2. Alice's/her/our plot 3. plot materials/points/problem/thing 4. contour/forest/line/scatter plot 5. linear/particular/polar/quantifiable/same/ simple/ necessary/little plot 6. plot to get us started 7. plot for that 8. plot in the space time diagram 9. plot of land/the marriage movie/a model 10. at this plot 11. in this plot 12. (the sort/the type) of plot 13. on the/this plot	Math/Comp, Phys
		v.	1. V n 2. V on n 3. V to n	1. plot a way/stories/vicious crimes/this conquest 2. plot on plants/a famous figure/the slide/the same screen 3. plot to the histogram	
191	<i>imagine</i>	v	1. V, sentence [start of a talk] [pause] 2. V n 3. V that- [Imperative] 4. V n/-ing	1. Imagine, in the 1930s, it was thought.... 2. imagine a computer game/a contract/a documentary 3. Imagine that it moves/someone comes 4. imagine the hidden force/blowing up a thinking machine/ hearing an opera/taking a class-	Human, Life, Phys
192	<i>distance</i>	n.	1. det N 2. N n 3. n N 4. poss N 5. adj N 6. N between n 7. N as n 8. N behind n 8. N by n 10. N for n 11. N from n 12. N in n 13. N of n 14. N to n 15. at N 16. from N 17. in N 18. of N 19. within N	1. a/the distance 2. distance education/epsilon/factors/ formula/ measurement/light 3. block/goal/latency/line/travel distance 4. Bob's/Earth's distance 5. distance between two notes/people/ two events/ you and me/the top and the base 6. distance as parameters/ 7. walking/academic/ironic/social/true distance 8. distance from the village/here/ 9. distance by symmetry 10. distance for Bob 11. distance from the mean/the sun/the earth 12. distance in a given amount of time 13. distance of one/their homes/the earth/ the electrons 14. distance to the star/the lens/the nearest goal node 15. at a distance 16. from a distance 17. in the distance 18. categories/amount/units/sense of	Phys

				distance 19. within walking distance	
		v.	1. V n from n 2. V n	1. distance myself from the material/us from conventions/you from the song/ yourself from what you think a morning ritual/Locke from a libertarian 2. distance the audience/	
193	<i>numbers</i> <i>number (70)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N between pl-n 7. N behind n 8. N for n 9. N from n 10. N of n 11. N on n 12. N with n 13. from N 14. of N 15. in N 16. within N	1. these/those numbers 2. their numbers 3. random/digit/example/quantum numbers 4. random/incredible/large/natural/complex/ prime/natural/ real/odd numbers 5. numbers to refer to the fragments 6. numbers between two points/zero and infinity 7. numbers behind them 8. numbers for the position/services/the Earth/the random variable 9. numbers from the pervious graph/the rational numbers/any lines 10. numbers of people/women/offices/bits/ moles /stories/patients/atoms/charges 10. numbers on the score/the right/the left 11. numbers between 0 to n 12. numbers with remainder 1 13. from these numbers/those numbers 14. (the paradox) of those numbers 15. in the numbers 16. within your numbers	Math/Comp
		v.	1. V n	1. numbers himself, what numbers you	
194	<i>amount</i>	n.	1. det N 2. adj N 3. N about n 4. N in n 5. N of n 6. N on n 7. N with n 8. by N 9. in N 10. of N	1. the/this amount 2. certain/huge/enormous amount 3. amount about length contraction 4. amount in rent/agriculture 5. amount of pressure/money/time/acid/activity 6. amount on the seesaw/this planet/the top 7. amount with a certain velocity 8. by given/this amount 9. in the/that amount 10. (a measure) of this amount, (the rest/a quarter /the rate/the sum) of the amount	Life, Phys, Soc
		v.	1. V n	1. amount the price	
195	<i>code</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N from n 7. N for n/-ing 8. N in n 9. N of n 10. N on n	1. the/a code 2. code instructions 3. Python/bar/color/computer/distribution /source code 4. genetic/actual/alternate/binary/efficient /ethical /following code 5. code to gain glory/match modern HTML5	Math/Comp

			11. in N 12. of N 13. Here be-v det N that...	6. code from the battle field/the previous unit 7. code for running that operation/me/orientation preference/genes 8. code in the Python interpreter/the messenger/ this program/the middle of a quoted string/the Python 9. code of the word/knowledge/laws/conduct/ the American marriage/ethics/arms/a compiler 10. code on the right/top/homicide 11. in a/the/this code, 12. (few lines) of code, (a piece/the syntax) of the code 13. here's the code that we...	
		v.	1. V n 2. V for n 3. V n into n 4. V n with n	1. code the sun/this one 2. code for protein 3. code this into computer 4. code this one with the accompaniment	
196	<i>signal</i> <i>signals (271)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N from n 7. N in n 8. N into n 9. N of n 10. N to n 11. N with n 12. of N	1. the/a signal 2. your signal 3. signal fire/analysis/equation/expression/method 4. clock/input/synchronization/smoke /analog/ audio /control/output signal 5. external/changing/conditional/electrical/ incoming signal 6. signal from the lemon/space 7. signal in time 8. signal into the spinal cord 9. signal of presence/the growth factor/low glucose 10. signal to the teachers/others/your competitors 11. signal with the highest speed/a message/this model/a known period/noise 12. (the amount/the time diagram) of signal, (the frequency/the shape) of the signal	Math/Comp, Life, Phys
		v.	1. V n 2. V to n	1. signal downbeats/a renewed interest/the termination/this information/the emotions and actions 2. signal to us/potential entrants/the neuronal cell	
197	<i>php</i>	n.	1. det N 2. N n 3. poss N 4. in N 5. of N	1. the PHP 2. PHP code/delimiters/file/function/ interpreter /program/session/file 3. our/my/your PHP 4. in PHP 5. the world of PHP	Math/Comp
198	<i>poisson</i>	n.	proper noun 1. N n 2. N with n	-name, Poisson 1. Poisson process/distribution/model 2. Poisson with parameter/parameter lambda	Math/Comp, Phys

199	<i>sound</i>	n.	1. det N 2. num N 3. poss N 4. N n 5. n N 6. adj N 7. N of n 8. of N 9. in N	1. the/a/this sound 2. one sound 3. Gluck's/our/their sound 4. sound waves/recordings/argument/radiation/ pattern/structure/system/machines 5. vowel/bell sound 6. sound of footsteps/a trumpet/Beethoven 7. different/musical/ominous/sweet sound 8. (the aspects/the vowel/the invisible beam) of sound, (the intensity/the frequency) of the sound 9. in another sound, in sound	Human
		v.	1. V-link adj 2. V-link like n	1. sound bright/challenging/complex/good/funny/ convincing/so exotic/simple 2. sound like Bach/I am going/a red apple	
		adj.	1. ADJ n	1. sound files/spaces/policy/waves/source/move	
200	<i>corresponds</i>	v.	1. V to n 2. V with n	1. corresponds to social structure/a garden scene/ the phoneme/the sound 2. corresponds with my sensory grasp of them	Math/Com
201	<i>which</i>	dete	1. DET n	1. which point/one	Math/Comp, Human
		pron.	1. n PRO	1. that sword which was handed down/something which probably included it	
202	<i>hop</i>	n.	1. n N	1. hip hop	Human
		v.	1. V n 2. V onto n 3. V on n 4. V over n	1. hop trains/a religious orientation/the short distance/box cars 2. hop onto a boat 3. hop on the sofa 4. hop over sideways	
203	<i>architecture</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N from n 7. N of n 8. N with n 9. by N 10. of N 11. in N 12. with N 13. within N	1. the architecture 2. their architecture 3. architecture world/student/side 4. village/wood architecture 5. British/mobile/informal/Islamic/street/stone/ architecture 6. architecture from the Periclean Age 7. architecture of mud bricks 8. architecture with big logs 9. by architecture 10. (the history/the type/the nature) of architecture, (another example/the rebuilding) of his/the architecture 11. in architecture, in Islamic/Chinese architecture 12. with architecture 13. within the architecture	Human
204	<i>acid</i>	n.	1. det N 2. n N	1. an acid 2. amino/bile acid	Life, Phys

	<i>acids (166)</i>		3. N n 4. adj N 5. N to-inf 6. N from n 7. N in n 8. N with n 9. in N 9. of N	3. acid biosynthesis/chain/composition/part 4. carbonic/homogentistic/glutamic/fatty/nitric/nitrous/carboxylic/phosphoric acid 5. acid to prevent birth defects 6. acid from the body/the stomach 7. acid in the blood/their urine/the stomach/ the pill 8. acid with a strong base 9. (production/amount) of acid	
		adj.	1. ADJ n	1. acid environment/ionization/fermentation	
205	<i>diode</i>	n.	1. det N 2. ord N 3. N n 4. n N 5. adj N 6. N in n 7. N of n 8. N with n 9. from N 10. in N 11. of N 12. with N	1. the/a diode 2. first/second diode 3. diode current/voltage/function 4. body/junction/recovery diode 5. ideal/real diode 6. diode in series/junction 7. diode of the synchronous rectifier 8. diode with the output 9. from the diode 10. in the diode 11. (the characteristic/effects/the current) of the diode 12. with the diode	Phys
206	<i>are</i>	v-be	1. V-link adj 2. V-link -ing 3. V adj	1. are wrong/devoted/alright 2. are sitting/taking 3. is good	Phys, Soc
207	<i>solution</i> <i>solutions (915)</i>	n.	1. det N 2. poss N 3. adj N 4. N n 5. n N 6. N to-inf 7. N between n 8. N for n 9. N from n 10. N of n 11. N on n 12. N in n 13. N to n 14. N with n 15. in N 16. from N 17. of N 18. within N	1. the/a/that/this solution 2. Einstein's solution 3. different/immediate/another/molar/naïve/ partial/general/proper/particular solution 4. solution plan/curve/curves/search 5. equilibrium/buffer solution 6. solution to emphasize in perspective the depth of the door/improve our users morning ritual/get the answer/improve the environmental sustainability 7. solution between the window arches 8. solution for this/us/stopping evaporation/that case/nuclear waste 9. solution from one problem/the body/the system of equations given there 10. solution of troubles/a column/columns/ 11. solution on the bottom/one side/this branch/a cover slip/the computer 12. solution in this case/the worksheet/the lab 13. solution to that problem/this exercise/that equation/the drug problem/them 14. solution with a sin function/our activity/that initial condition 15. in a/this solution 16. from the solution	Math/Comp, Phys

				17. (the volume) of the solution, (one liter/) of solution, (the choice) of a solution 18. within a solution	
208	<i>diagram</i> <i>diagrams (836)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N from n 8. N of n 9. N on n 10. N with n 11. by N 12. in N 13. of N 14. on N	1. a/the/this diagram 2. your/our diagram 3. spacetime diagram 4. ribbon/flow/stocks diagram 5. cosmological/interesting/little diagram 6. diagram from the last time 7. diagram to help clarify this point/show external loads 8. diagram of lecture one/the template/one of these books/course/the ways /the clock ticks/this kind/ human anatomy 9. diagram on this side 10. diagram with that in mind/five blocks 11. by this/a diagram 12. in this diagram, in a diagram, in my diagram 13. (the type/the feature) of diagram, (the demand portion) of this diagram 14. on our diagram	Phys
		v.	1. V n	1. diagram the pressure/something like that/this	
209	<i>capacitor</i> <i>capacitors (716)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N as n 7. N in n 8. N for n 9. in N 10. on N 11. of N 12. out of N	1. the/a capacitor 2. capacitor current waveform/charge balance /filters /equation /voltage/node 3. microfarad/output capacitor 4. small/real/ideal capacitor 5. capacitor to charge up 6. capacitor as a function of frequency 7. capacitor in this circuit/series 8. capacitor for this bootstrap/each output 9. in the capacitor 10. on the capacitor 11. (the impedance/the component/the dual) of the/a capacitor 12. out of the capacitor	Math/Comp, Phys
210	<i>terms</i> <i>terms (229)</i>	n.	1. det N 2. n N 3. poss N 4. adj N 5. N of n 6. in N 7. of N	1. the/these/those terms 2. color/copyright/error/cosine/kinship terms 3. layman's terms 4. absolute/derivative/scientific/various/Greek/ basic/basic /biological/chemical terms 5. terms of speeches/employment/use 6. in absolute/concrete terms, in terms *. in terms of n. 7. (the review/the thread/the expansion) of terms	Math/Comp, Phys

211	<i>ions</i>	n.	1. det N 2. adj N 3. n N 4. N into n 5. N of n 6. by N 7. of N	1. the ions 2. charged/positive/small/large ions 3. potassium/sodium/hydrogen ions 4. ions into the cell 5. ions of those atoms/type A 6. by calcium ions 7. (diffusion/distribution/moles/content/ movement /number/moles) of ions	Life, Phys
212	<i>synaptic</i>	adj.	1. ADJ n	1. synaptic basis/level/cell/activity/mechanisms	Life
213	<i>transpose</i>	v.	1. V n 2. V n from n 3. V n to n	1. transpose the pattern/the movement 2. transpose this position from that 3. transpose X to Y	Math/Comp
214	<i>algorithms</i> <i>algorithm (38)</i>	n.	1. det N 2. n N 3. adj N 4. N to-inf 5. N about n 6. N for n 7. N in n 8. N with n 9. in N 10. of N	1. the/these algorithms 2. optimization/authorization algorithms 3. learning/clustering/descent/different/exact/old/ similar/new algorithms 4. algorithms to work on problems/detect/solve these problems/generate solutions/understand galaxy formation 5. algorithms about what to do/ 6. algorithms for binary members/linear regression /lists and dictionaries 7. algorithms in Octave 8. algorithms with binary numbers 9. in algorithms 9. (the representations) of algorithms, (the details/ different types) of (search/learning) algorithms	Math/Comp
215	<i>some</i>	deter.	1. DET n	1. some people/some of the young people/some will embrace.../some quizzes	Human, Life
		pron.	1. PRO n	1. some one	
216	<i>properties</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N for n 6. N from n 7. N in n 8. N of n 9. of N 10. in N	1. the properties 2. its properties 3. climate/bulk properties 4. similar/mental/physical/interesting /abstract/ nice /additive/basic/chemical/certain/interesting /general properties 5. properties for the sick/atoms/aluminum 6. properties from this drop-down menu/ one molecule to a next 7. properties in different directions/the normal direction 8. properties of symbols/a certain kind/the machine /activities/the parts/solutions /consonants 9. (all kinds/functions/a variety) of properties 10. in different properties	Phys
217	<i>enzyme</i>	n.	1. det N 2. poss N	1. the/an enzyme 2. our enzyme	Life

	<i>enzymes (405)</i>		3. n N 4. N n 5. adj N 6. N for n 7. N in n 8. of N 9. Here's/That's det N ...	3. restriction enzyme 4. enzyme dimer/theory/changes 5. inactive/perfect/important/metabolizing enzyme 6. enzyme for its substrate 7. enzyme in the liver/kidney 8. (type/side) of enzyme, (the affinity/the activity) of the enzyme 9. Here's/That's an enzyme that....	
218	<i>exponential</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N of n 6. N with n 7. of N 8. in N	1. an/the exponential 2. exponential function/factor 3. matrix exponential 4. a negative/complex exponential 5. exponential of a sum/this quantity/a quadratic function/alpha t times x/zero 6. exponential with parameter 1 7. definition of the exponential 8. in exponential	Math/Comp
		adj.	1. ADJ n	1. exponential growth/notation/distribution	
219	<i>lectures</i> <i>lecture (34)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N in n 6. N for n 7. of N 8. in N	1. the lectures 2. our lectures 3. video/future lectures 4. previous/coming/earlier/last couple/a few/several/favorite/other/previous/recorded / following lectures 5. lectures in this module 6. lectures for this course 7. a couple/a week/next couple of lectures 8. in these lectures, in lectures	Life, Soc
		v.	1. V n	1. Susanna lectures Figaro	
220	<i>again</i>	adv.	1. ADV, sentence [pause]	1. Again, these texts are not required./of course, ...	Phys
221	<i>way</i> <i>ways (519)</i>	n.	1. det N 2. poss N 3. adj N 4. N to-inf 5. N of n 6. N into n 7. by N 8. in N 9. on N There be-v det N...	* By the way, Sentence.... -*.the way (how) S+V..... 1. the way 2. your/his way 3. another/either/Milky/one/no way 4. way to write this/improve parameter/ think about this/get clothes/work himself back 5. way of thinking about philosophy/asking the same direction/expressing this 6. way into his own house/this next set of challenge /this group/the inner rooms 7. in a/the way 8. on your way -There's/Here's no way/a/the way	Math/Comp, Human
222	<i>need</i>	v.	1. V n 2. V to-inf 3. V n to-inf	1. need them/some help/an explanation 2. need to be able to get online/do/know his name 3. need you to help me	Math/Comp
		n.	1. det N 2. ord N 3. n N 4. adj N 5. N to-inf 6. N for n	1. the/a need 2. first need 3. society/community/group need 4. desperate/dire/fundamental/great /high/human /poor/financial/large	

			7. N of n 8. in N	need 5. need to excel/marry/hire workers/visit/ love and give/memorize it/be loved/pay attention 6. need for revenge/slaves/economic/a man /integration /price discrimination/ autonomy/ control/cholesterol /superiority/cognition 7. need of help/dialysis/money/social interaction 8. in need	
223	<i>allele</i>	n.	1. det N 2. n N 3. N n 4. adj N 5. N to-inf 6. N in n 7. N from n 8. N of n 9. in N	1. an allele 2. function/gene/risk allele 3. allele frequency/frequencies/gene/pairs 4. mutant/functional/every/abnormal/ plus/single/ /common /defective/dominant/normal/ recessive/wild type allele 5. allele to grow their axons 6. allele in the population 7. allele from dad/mom 8. allele of the white gene/that locus 9. in one allele	Life
224	<i>define</i>	v.	1. V n 2. V n by n 3. V n for n 4. V n as n	1. define themselves/new identities/the structure 2. define ourselves by asking why 3. define these terms for my own case/ topics for our interview guide 4. define it more as a quasi corporate/yellow as reflection	Math/Comp, Phys
225	<i>radius</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N for n 6. N in n 7. N of n 8. in N 9. of N	1. a/the/this radius 2. its radius 3. Einstein/Schwarzschild radius 4. characteristic/orbital/small/smaller/ some radius 5. radius in the center/the value 6. radius for an object 7. radius of the tube/the star/the moon/the sun /the earth/the planet/Jupiter/the bowl/driver/the orbit/the piston 8. in a radius 9. (the circle/a sphere/the ball) of radius	Math/Comp, Phys
226	<i>plug</i>	v.	1. V n 2. V n into n 3. V n in n 4. V n for n 5. V into n 6. V in n	1. plug a book/that gap/it 2. plug us into the rest of himself 3. plug the gag in argument L 4. plug this for all possible values 5. plug into satellite television 6. plug in the numbers, plug it in	Math/Comp, Phys
		n.	1. det N 2. n N 3. adj N 4. N for n 5. N in n 6. N of n	1. a/the plug 2. spark plug 3. little plug 4. plug for the book/my forthcoming book 5. plug in hybrid/numbers/the appropriate code 6. plug of air/the air/mass of air/moving air	

227	<i>medial</i>	adj.	1. ADJ n 2. ADJ to n	1. medial part/side/scheme/ division/aspects 2. medial to lateral dichotomy/lateral aspect/the tract of this nucleus	Life
228	<i>inductor</i> <i>inductors (927)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N in n 6. in N 7. of N	1. the/an inductor 2. inductor current/voltage waveform/volts 3. filter/output inductor 4. average/single inductor 5. inductor in our converter/that sense 6. in the inductor 7. impedance/component/side of an inductor	Math/Comp, Phys
229	<i>term</i> <i>terms (210)</i>	n.	1. det N 2. poss N 3. ord N 4. N n 5. n N 6. adj N 7. N for n 8. N in n 9. N of n 10. of N 11. in N	1. a/this/the/that term 2. his/their/our term 3. first/seventh term 4. term problems/droughts/hypothesis/tre atment 5. denominator /regularization term 6. derivative/last/squared/stretching/ English /Greek/ long/informal term 7. term for Hera/these outliers 8. term in English 9. term of art/protection/copyright 10. (a type) of term, (this sense/this use) of the term 11. in the long term	Math/Comp,
230	<i>draw</i>	v.	1. V 2. V n 3. V n from n 4. V n with n 5. V upon n 6. V from n 7. V on n	1. he would like to draw 2. draw a square/a box/the contrast/many things/a family tree 3. draw conclusions from evidence/insights from those ideas/lessons from that idea/ lessons from the past 4. draw a square with one edge/a square with mouse/it with seriousness/ connections with others 5. draw upon the past/a small number 6. draw from the American magazine/the common people 7. draw on one or more/what he says	Math/Comp, Phys
		n.	1. adj N 2. N of n	1. random/constant draw 2. draw of power	
231	<i>concentration</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N at n 7. N for n 8. N in n 9. N of n 10. N on n	1. this/the/a concentration 2. our/its/children's/their concentration 3. concentration camps/factor/camp/curve/factors 4. ion/plasma/stress/substrate/proto n/drug /calcium/acid/anion concentration 5. initial/certain/different/final/great er/high /known /low/molar concentration 6. concentration at any given point/any particular given time 7. concentration for sunlight 8. concentration in the atmosphere	Life, Phys

				9. concentration of greenhouse gases/ammonium /a drug/chloride anions/hydrogen peroxide/ions/ the acid 10. concentration on the Odyssey/the singer/land mines/control/greenhouse gases/camps/the inside	
232	<i>meters</i> <i>meter (741)</i> <i>metres (693)</i>	n.	1. num N 2. adj N 3. in N 4. of N 5. N adj	1. 45/six meters 2. complex/square/irregular/automatic meters 3. in meters 4. (a couple/a number/billions/units) of meters 5. 70 meters high/wide/thick/tall	Phys
233	<i>wave</i> <i>waves (286)</i>	n.	1. det N 2. ord N 3. N n 4. n N 5. adj N 6. N in n 7. N of n 8. N on n 9. in N 10. of N	1. the/a wave 2. first wave 3. wave length/function/speed/generator/form 4. frequency/sound/heat/blast wave 5. electromagnetic/new/little/combined/tidal/ latest/musical wave 6. wave in this case/some respects 7. wave of revolts/gadgets theory/depolarization /data 8. wave on the side/the other side 9. in the wave 10. (the speed/the phase) of the wave	Phys
		v.	1. V n	1. wave goodbye/their arms/the problem/ the American flag/a magic wand	
234	<i>experiment</i>	n.	1. det N 2. poss N 3. ord N 4. N n 5. n N 6. adj N 7. N to-inf 8. N by n 9. N for n 10. N in n 11. N of n 12. N on n 13. N with n 14. of N 15. in N	1. an/the/this experiment 2. our/their experiment 3. first/second experiment 4. experiment results/website 5. thought experiment 6. American/controlled/crucial/probabilistic /natural /scattering experiment 7. experiment to think about/make it/convince us 8. experiment by psychologists/Albert 9. experiment for this week/linguistics/humanity 10. experiment in human existence/university education/mice 11. experiment of the Chinese room/Mills 12. experiment on learning/obedience 13. experiment with a door/paintballs/ rice 14. the outcome/the course of the experiment 15. in an experiment *.do an experiment	Life, Phys
		v.	1. V with n 2. V by N 3. V on n	1. experiment with documentary/the use of deliberately faulty 2. experiment by Robert	

				Jesen/yourself 3. experiment on the order/this generation	
235	<i>expectation</i>	n.	1. det N 2. poss N 3. adj N 4. N n 5. n N 6. N as n 7. N in n 8. N for n 9. N of n 10. in N 11. into N 12. of N 13. out of N 14. with N 15. without N 16. N that-[apposition]	1. an/the/this expectation 2. our/your/my expectation 3. conditional/total/outer/inner/prior expectation 4. expectation theorem/estimator/identity 5. student expectation 6. expectation as a random variable/an estimator 7. expectation in this case/many faiths 8. expectation for this current level 9. expectation of the product/intervention/return on capital/the random variable/the number/ Theta/injury 10. in the expectation 11. into the expectation 12. (the classical example/the definition) of expectation 13. out of the expectation 14. with the expectation 15. without any expectation 16. expectation that they would be asked to... /this guy is going to	Math/Comp
236	<i>pathway</i> <i>pathways(380)</i>	n.	1. det N 2. n N 3. adj N 4. N to-inf 5. N for n 6. N from n 7. N in n 8. N of n 9. in N 10. on N 11. in N	1. the/a/that/this pathway 2. synthesis/temperature/pain/repair / development pathway 3. indirect/biochemical/single/direct/spinal/same/ efferent/single pathway 4. pathway to initiate that/introduce the reform 5. pathway for metabolism/example/the motor control 6. pathway from the striatum 7. pathway in the spinal cord/the human brain/the company 8. pathway of travel/steps/the brain stem 9. in the pathway 10. on a pathway	Life
237	<i>cubed</i> <i>cube (724)</i>	adj.	1. ADJ n 2. n ADJ	1. cubed times 2. x cubed	Math/Comp, Phys
238	<i>calculation</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N by n 8. N for n 9. N in n 10. N of n 11. N to n 12. in N 13. of N	1. a/the/that/this calculation 2. our calculation 3. calculation error/table 4. example/formula/limit/base calculation 5. approximate/big/blooded/complicated/ detailed /final/little/previous/rough/same/similar/simple calculation 6. calculation to figure out how much time/figure out how much time/compute the market portfolio 7. calculation by clicking the	Math/Comp, Phys

				mouse/increasing the value/multiplying both sides by t 8. calculation for the lag time 9. calculation in the previous concept 10. calculation of GDP/IRR/the average/the mean/ the expected/conditional probabilities/materials 11. calculation to utilitarianism -*.do a/the calculation 12. in our calculation 13. kind/sort/type of calculation	
239	<i>tutorial</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N by n 6. N for n 7. N in n 8. N on n 9. in N 10. of N 11. with N 12. without N	1. the tutorial 2. today's/my tutorial 3. tutorial hangout/notes/sessions/video/space 4. brief/different/final/next/last/previous/ separate /subsequent tutorial 5. tutorial by talking about 6. tutorial for you/those/some deeper explanation 7. tutorial in this series 8. tutorial on the iconic basis/the anatomy/ the cerebellum/ 9. in next tutorial, in this tutorial 10. bottom of your tutorial 11. with our last tutorial 12. without the tutorial	Life
240	<i>spinal</i>	adj.	1. ADJ n	1. spinal cord/fluid/column/nerves/tract/nuerons	Life
241	<i>dorsal</i>	adj.	1. ADJ n 2. ADJ to n	1. dorsal position/aspect/column/side/part/margin 2. dorsal to our spinal trigeminal tract/the mammillary body-	Life
242	<i>professor</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N at n 7. N of n	1. a/the professor 2. his profesor 3. professor Wright/Cialdini/Durant 4. Howard University/associate professor 5. visiting professor 6. professor at the University of Mary/ 7. professor of psychology/Chinese/modern Japanese languages/romance languages/	Math/Comp, Life
243	<i>axon</i> <i>axon (186)</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N to-inf 6. N of n 7. N in n 8. N to n 9. from N 10. of N 11. on N 12. with N	1. an/the axon 2. their axon 3. axon hillock/terminals/initial segment 4. afferent/certain/myelinated/sensory axon 5. axon to pass through the hemisphere/ grow down 6. axon of multiple layers 7. axon in a real brain 8. axon to a dendrite/other nodes 9. from an axon 10. (end/growth/a length/segment/part) of an axon	Life

				11. on this axon 12. with an axon	
244	<i>volume</i>	n.	1. det N 2. ord N 3. poss N 4. n N 5. N n 6. adj N 7. N in n 8. N of n 9. N within n 10. in N 11. of N	1. the volume 2. first/second volume 3. its/our volume 4. stroke/blood/box/data/ water/fluid volume 5. volume intensity/distribution/element/flo w /loops /fraction /measurements 6. atomic/conducting/daily/diastolic/ entire/given/ /equivalent/final/high/daily volume 7. volume in the system 8. volume of the blood/gray matter/the gas/a sphere /the electronic literature/ water/the solution/distribution/the bottle 9. volume within the ventricle/left ventricle 10. in volume one 11. excess/units/loss of volume	Life, Phys
245	<i>markov</i>	n.	proper noun 1. N n	-name, Markov 1. Markov models/Processes/convergence/ chain/inequality	Math/Com, Soc
246	<i>temple</i> <i>temples (483)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N at n 7. N in n 8. N of n 9. in N 10. of N	1. the/a temple 2. his/my temple 3. temple complex/construction/drums/ sights/sites/ economy /ground/prostitue 4. Zhenguo/Buddhist/Confucius/Chuzu Temple 5. antique/famous/Egyptian/Greek/J ewish/ruined/ main temple 6. temple at Delphi 7. temple in Dengfeng 8. temple of Apollo/Augustus/Heaven 9. in this/the temple 10. (the corners/the turn) of the temple	Human
247	<i>glucose</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N from n 6. N in n 7. N into n 8. of N	1. the glucose 2. glucose capsule/concentration/levels/ mole fraction/repressor/transporter/ utilization 3. plasma glucose 4. pink-colored/impaired glucose 5. glucose from the bloodstream/the body/ our storage fuels 6. glucose in the plasma/this case 7. glucose into the cells/the plasma 8. (the amount/the levels/the form/moles/the form/the conversion/the polymer) of glucose	Life
248	<i>copyright</i>	n.	1. det N 2. poss N 3. ord N	1. a/the copyright 2. his copyright 3. first copyright	Soc

			4. N n 5. N for n 6. N in n 7. from N 8. in N	4. copyright act/holder/infringement/laws/ issues /maven/notice/office/owner/real m/problem/protection/regime/ter ms 5. copyright for educators/a century 6. copyright in their works/that music/the things /that story 7. from his copyright 8. in copyright	
249	<i>acceleration</i>	n.	1. det N 2. N n 3. adj N 4. N in n 5. N of n 6. at N 7. of N	1. the acceleration 2. angular/automatic/constant/down ward/linear/ gravitational/particle acceleration 3. acceleration in upper direction 4. acceleration of the head/gravity/a falling ball /the object/10 meters 5. acceleration phase/issue 6. at the acceleration 7.(the time/cases/the feeling) of acceleration, (that product) of the acceleration	Phys
250	<i>red</i>	adj.	1. ADJ n	1. red cones/sea	Mat/Comp, Phys
		n.	1. n N 2. adj N 3. in N 4. of N	1. color red 2. -separate red 3. in red 4. color/shades/sorts of red	
251	<i>co2</i>	formula	1. det N 2. N n 3. of N	1. the CO2 2. CO2 emission 3. (the explulsion/the pressure) of CO2	Life, Phys
252	<i>spaceship</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N at n 7. by N 8. in N 9. on N	1. a/the spaceship 2. my/our/his/her/Alice's spaceship 3. spaceship perspective 4. light spaceship 5. incoming/fancy/moving spaceship 6. spaceship at the Golden Gate bridge 7. by the spaceship 8. in a/his spaceship 9. on a/her spaceship	Phys
253	<i>notation</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N for n 7. of N 8. in N 9. with N	1. the notation 2. our notation 3. bracket/arrow/circuit/colon/delta/ math/length/ probability notation 4. algebraic/convenient/decimal/diffe rent/musical/ exponential/scientific notation 5. notation to denote the probability/get a sense /indicate it/simplify this equation/start off with 6. notation for the price/a number/a specific number /a rotational number/this/conjugation 7. bit/kind/piece/abuse of notation 8. in different notation 9. with this notation	Math/Comp
254	<i>ether</i>	n.	1. det N 2. N n 3. adj N	1. the ether 2. ether drag/wind/breeze 3. moving/so-called ether	Phys

			4. N in n 5. of N	4. ether in a longitudinal direction 5. (piece/chunk/models/idea/context) of ether	
255	<i>sometimes</i>	adv.	1. ADV v 2. ADV sentence	1. sometimes get 2. sometimes they are PG	Life, Soc
256	<i>apply</i>	v.	1. V n 2. V n to n 3. V to n	1. Apply the activation function/ apply the correct variation/some inputs 2. apply it to the large population/that to the specific circuit/it to some examples 3. apply to texts/both/that broader population/ their culture	Math/Comp, Phys
257	<i>expression</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N about n 7. N as n 8. N at n 9. N by n 10. N for n 11. N of n 12. N in n 13. N with n 14. N to n 15. of N 16. with N	1. an expression 2. expression calculation/dichotomy 3. protein/gene/rate/Python/test/operator expression 4. facial/constant/Boolean/regular/a nother/artistic /alternative /arithmetic expression 5. expression to represent function/compute that/ replace the value/find the smallest value/find the standard deviation 6. expression about the invisible hand/the grass 7. expression as a function/probability/the messenger/this summation 8. expression at the top/top/surface 9. expression by essentially musical means/ upper motor neurons/following this rule 10. expression for probability/the entropy /variance/ validity/the pressure of A/frequency 11. expression of skill/emotions/movement /stability/ body/emotion/skilled behavior 12. expression in music 13. expression with a number/respect to theta/a number 14. expression to them/inward attitudes 15. (the partial derivative) of this expression, (the muscles) of (facial) expression 15. with this/an expression	Math/Comp
258	<i>parameters</i> <i>parameter (121)</i>	n.	1. det N 2. poss N 3. num N 4. N n 5. n N 6. adj N 7. N to-inf 8. N for n 9. N from n 10. N in n 11. N of n 12. N on n 13. N to n	1. the/those/these parameters 2. their/our parameters 3. six/two parameters 4. parameters data/theta 5. model/body/supply/health parameters 6. independent/various/certain/different/generic /independent/hidden parameters 7. parameters to define the world/minimize the training error /try to pick/observe	Math/Comp

			14. N within n 15. of N 16. in N 17. under N 18. with N 19. within N	8. parameters for the speaker/your support /all of our users 9. parameters from randomization/metomization /matrices 10. parameters in the experiment/this fit/the direction/these videos 11. parameters of this model/the neural network /the speakers/the operators/this model/this diagram 12. parameters on harm and purity/the training set 13. parameters to our data/this relation/an action /this test set/this data 14. parameters within the entity 15. (list/variety/set/number/sets/setti ng/matrix) of parameters 16. in their/certain parameters 17. under the parameters 18. with these/more/many parameters 19. within those parameters	
259	<i>tangent</i>	adj.	1. ADJ n 2. ADJ to n	1. tangent line/alpha/ relation/coordinates/ direction 2. tangent to the graph/a curve/the function/the slope	Math/Comp
		n.	1. det N 2. N n 3. n N 4. adj N 5. N of n 6. of N	1. the tangent 2. tangent theta 3. arc tangent 4. inverse/secant tangent 5. tangent of that angle/80 degrees/theta 6. (derivative/value/prime/value) of tangent	
260	<i>dementia</i>	n.	1. N n 2. n N 3. adj N 4. N to-inf 5. N in n 6. of N 7. with N	1. dementia care/diagnosis/experience/ syndrome 2. stage/type dementia 3. clinical/changing/comprehensive/ diagnosing /frontotemporal dementia 4. dementia to have behaviors/help them/ be safe 5. dementia in this case/exercise 6. concept/indication/aspect/rate/rat es/ types /causes of (a) dementia 7. with dementia	Soc
261	<i>type</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. as N 6. N of n 7. of N 8. with N 9. without N	1. the/that/a type 2. type converters/cells/value 3. data/cell/blood/product type 4. another/wild/different/former/specia l type 5. as a type of enterance 6. type of village/culture/extreme landscape/soil 7. a sort of type, is of this type 8. with this type 9. without this type	Math/Comp
		v.	1. V n 2. V in	1. Type your location/name/poem/identiy/things	

			3. V in n 4. V	2. type in 3. type in everything 4. just type	
262	<i>functions</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N about n 7. N as n 8. N for n 9. N of n 10. N in n 11. N to n 12. of N 13. in N 14. out of N 15. with N	1. the/those/these functions 2. its functions 3. state/basis/cosine/brain/health/principle/path/ /component/culture functions 4. complex/nonlinear/exponential/useful/urban/ complicated/grammatical functions 5. functions to look into the states/prompt the user/ compute the maximum 6. functions about states 7. functions as a symbol/a religion/a large margin classifier/a solution 8. functions for society/background color/our circuits/the solution 9. functions of the king/the city/connective tissue /the inputs /them /language/one variable 10. functions to your training set/your data/ proteins 11. functions in their languages 12. composition/types/a range of functions 13. in the functions 14. out of the functions 15. with trig/such/general/exponential functions	Math/Comp
		v.	1. V as n 2. V to-inf	1. functions as a gateway to China/an olfactory receptor 2. functions to make us wince	
263	<i>angle</i> <i>angles (921)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N between n 7. N in n 8. N for n 9. N of n 10. N to n 11. at N 12. from N 13. of N	1. this/an angle 2. angle alpha/beta/bracket/configuration/ formula /gamma/identity/velocity 3. bond/inclination/joint/mystery/funny/right angle 4. right/small/steep/another/different/ double /every angle 5. angle to catch the starlight/ 6. angle between the atoms/you and the ground 7. angle in radians 8. angle for the speed of light/the sulfur dichloride 9. angle of the sun/the winter sun/theta/space/ incidence/velocity 10. angle to the principal planes/the positive x-axis 11. at an angle, 12. from the angle, from a different angle 13. (unit) of angle	Math/Comp, Phys
		v.	1. V n	1. angle herself	

264	<i>little</i>	adj.	1. ADJ n	1. little archaeology/food/bays/changes/ labor /formal educatio	Math/Comp, Phys
		adv.	1. a ADV adv	1. a little sneaky/ a little bit	
		det.	1. DET n 2. DET to-inf	1. little time/money 2. little to gain/do	
265	<i>gate</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N between n 6. N by n 7. N in n 8. N of n 9. N to n 10. N with n	1. the/a/this gate 2. gate tower/control/ driver/ hall /level 3. Lingxing/Meridian gate 4. main/common gate 5. gate between the legs 6. gate by polar transistor/clicking on it 7. gate in the south/front/toolbar 8. gate of false dreams/the outer city/your mind 9. gate to the inner city/imperial city/drain 10. gate with inputs/three bays	Human, Phys
266	<i>column</i> <i>columns (184)</i>	n.	1. det N 2. poss N 3. ord N 4. N n 5. n N 6. adj N 7. N for n 8. N in n 9. N of n 10. N on n 11. N to n 12. from N 13. in N 14. into N 15. of N 16. on N 17. with N	1. a/the column 2. my column 3. first/second/third column 4. column bases/index/vector/chart/height 5. benevolence/water/wind/sets column 6. clustered/eruption/dorsal/learning /huge/final/ /central/main column 7. column for the first asset/color 8. column in the middle/the center 9. column of Trajan/Marcus/air/cells/white matter/ the spinal cord 10. column on the left/the side 11. column to the right 12. eruption/newspaper column 13. from the column 14. in the/this/a column 15. into the column 16. (top/the height/a type/two sets/bottom) of the column 17. on the column 18. with the column	Math/Comp
267	<i>element</i>	n.	1. det N 2. ord N 3. N n 4. n N 5. adj N 6. N at n 7. N by n 8. N from n 9. N in n 10. N into n 11. N of n 12. of N	1. an/this/the element 2. first element 3. element approach/combinations 4. form/circuit/memory/body/border /core element 5. added/another/any/architectural/a rtistic /basic /competitive/common/essential/e very/ final element 6. element at position 12 7. element by pressing the Arrow button 8. element from the group four/a list/the top of the stack 9. element in architecture/the background/the EU/ economics/our own world view/ the list/the output/this circuit/the	Math/Comp

				atmosphere 10. circuit into another 11. element of humor/the cosmos/social cohesion/ Chinese architecture/hip hop culture 12. (the concept)of element	
268	<i>mooc</i> <i>moocs (822)</i>	n.	proper noun 1. det N 2. poss N 3. ord N 4. N n 5. adj N 6. N on n 7. in N 8. of N 9. with N	-MOOC 1. this/a MOOC 2. our MOOC 3. first/fifth MOOC 4. upcoming/whole/fabulous MOOC 5. MOOC course/discussions/matrix/space/thing/ medium/platform 6. MOOC on micronutrients 7. in our/this MOOC 8. (the portion/the beginning) of our/the MOOC, (the aim) of this MOOC 9. with a MOOC	Life
269	<i>error</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N of n 6. N in n 7. N on n 8. in N 9. of N	1. an/the error 2. error detection/analysis/checking/cost function /checking/detection/function/margin/message 3. attribution/communication/syntax / validation /projection/generalization error 4. unknown/training/validating/sampling/ small/ /high/systematic/specific error 5. error of algorithm/this estimator 6. error in red/logic/order 7. error on my cross -*.trial and error 8. in error 9. (the probability/the margin/the source/the concept/a sort/a kind/the lack) of error	Math/Comp
270	<i>descent</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N for n 8. N into n 9. N of n 10. N on n 11. N with n 12. in N 13. of N 14. with N	1. a descent 2. its descent 3. descent algorithm/procedure/update 4. gradient/slow descent 5. descent to optimize as cost function/minimize other functions/run quite a lot faster/work 6. gradient for those algorithms/the case /minimizing the arbitrary/linear regression 7. descent into hell 8. descent of the Ganges/the seventh chords/a linear regression 9. descent on steroids/this type of cost function/a specific training set 10. descent with that point/theta one/our cost function/a range of values for alpha 11. in gradient descent 12. steps/direction of gradient descent	Math/Comp

				*.steps/direction of gradient descent 14. with genealogical descent	
271	<i>signals</i> <i>signal(196)</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N for n 6. N from n 7. N in n 8. N into n 9. N of n 10. N to n 11. N into n 12. of N 13. with N	1. those/the/these signals 2. two signals 3. control/assignment/calcium/control/ command signals 4. digital/sensory/electrical/chemical /small /thermal /different/digital signals 5. signals for transcription/stopping 6. signals from the brain/one neuron/the spinal cord 7. signals in the brain/environment 8. signals into the cerebellum 9. signals of data stage 10. signals to the brain 11. signals into the cerebellum 12. the system of signals 13. with chemical signals	Life, Phys
		v.	1. V n 2. V to n	1. signals the truth/this transformation/an end of input 2. signals to the incumbent/that apparatus/the yellow blue ganglion cell	
272	<i>denominator</i>	n.	1. det N 2. N n 3. adj N 4. N as n 5. N at n 6. N by n 7. N in n 8. N of n 9. N on n 10. of N 11. in N	1. the denominator 2. denominator factor/factors/term 3. limited/common/other/same denominator 4. denominator as a separate factor/the distance 5. denominator at a2 6. denominator by the straight line 7. denominator in the form of one/Bayes/modern societies 8. denominator of the other side/the quotient/ 4 9. denominator on the bottom/the left hand side 10. (the derivative/the square root/the limit) of the denominator 11. in the denominator	Math/Comp, Phys
273	<i>ventral</i>	adj.	1. ADJ n	-ventral aspects/part /position	Life
274	<i>complicated</i>	adj.	1. ADJ n 2. ADJ by n/-ing 3. ADJ in n/-ing 4. ADJ to-inf 5. it v-link ADJ to-inf 6. v it ADJ to-inf	1. complicated projects/question/story/calculation /example/building/structure/suggestions 2. complicated by putting an obstacle right here 3. complicated in thinking about objectivity/ astronomy/truth 4. complicated to follow/make/walk through 5. it is complicated to write the code/ it is too complicated to add into this course/ it is just much more complicated to do so in those languages/ it gets a little bit complicated to write down 6. make it complicated to score this questionnaire	Math/Comp
		v.	1. V n	1. complicated space/the idea/the	

			2. (v-link) V by n/-ing 3. (v-link) V for n	issue/the survival question /our nation 2. was complicated by looking at the keyboard 3. is complicated for the multivariate case	
275	<i>chromosomes</i> <i>chromosome (120)</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N for n 6. N from n 7. N in n 8. N of n 9. of N 10. on N	1. these/the chromosomes 2. eight/four chromosomes 3. sex chromosomes 4. different/linear/homologous/human/original chromosomes 5. chromosomes for different species 6. chromosomes from a particular person/one person in pink 7. chromosomes in the cells/the population 8. chromosomes of the same length 9. (the pairs/the copies/the sets/the level/the ends/the mixture/ the number) of chromosomes 10. on the chromosomes	Life
276	<i>another</i>	pron.	1. one DET	1. one another	Human, Phys
		det.	1. DET n 2. DET of n	1. another idea/figure/example/thing/standard/ way/theory/word/night 2. another of these figures/the famous tricks	
277	<i>omega</i>	n.	1. det N 2. poss N 3. adj N 4. N n 5. n N 6. N of n 7. in N 8. of N	1. an Omega 2. our omega 3. new omega 4. omega designation/hat/nought 5. cosine/frequency/vector/space omega 6. an Omega of 370 7. in omega 8. (cosine/the length/elements/a subset) of omega	Math/Comp
278	<i>price</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N as n 7. N at n 8. N for n 9. N of n 10. N on n 11. in N	1. the price 2. price tag/auction/ceiling/changes/setting/war /competition /discrimination/elasticity 3. stock/option/equilibrium/security/retail price 4. medium/high/lower/digital/reasonable /predicted /some/low price 5. price to go down 6. price at Christie's auction house 7. price for the woman/your farm goods 8. price as a means of competition 9. price of \$5/fuel/oil/a house/inequality/silk/the trip 10. price on CO2/carbon 11. in price	Soc
		v.	1. V n	1. price the cost/carbon/it/this	
279	<i>nuclei</i>	n.	1. det N 2. n N 3. adj N 4. of N 5. with N	1. the/these nuclei 2. nerve/motor/column nuclei 3. several/sensory/thalamic nuclei 4. (a collection/this illustration/a set/a group/a variety) of nuclei	Life

				5. with these nuclei	
280	<i>algae</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N from n 7. N on n 8. N out of n 9. from N 10. of N	1. the/these algae 2. algae biotechnology/biofuels/biomass/ company /farm/farms/ponds/production 3. snow algae 4. harmful/blue-green/different/euka ryotic /green algae 5. algae to replace fossil fuel/clean up the waste 6. algae from waste water/polluted water 7. algae on a carbon source/wastewater 8. algae out of a pond/the water/the ponds 9. from algae 10. class/classes/strains/production/sp ecies of algae	Phys
281	<i>bigger</i>	adj.	1. ADJ n	1. bigger cinemas/sound/building	Math/Comp, Phys
282	<i>angular</i>	adj.	1. ADJ n 2. ADJ with n	1. angular acceleration/size/momenetum/gyr us/ position/velocity/impulse 2. angular with simple geometric treatment	Phys
283	<i>mutation</i> <i>mutations (183)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N at n 7. N by n 8. N in n 9. N of n 10. N on n 11. N with n 12. of N	1. this/a mutation 2. mutation carrier/rate 3. deletion/function/nonsense mutation 4. different/actual/first/particular/sin gle/ same/ second/specific mutation 5. mutation to arise by chance 6. mutation at position A 7. mutation by the definition 8. mutation in a gene/the gene/an enzyme/ a given gene 9. mutation of body/rare variant 10. mutation on the gene 11. mutation with a little red star/stickle cell 12. kind/site/sites/frequency of mutation	Life
284	<i>numerator</i>	n.	1. det N 2. N n 3. N as n 4. N by n 5. N of n 6. N on n 7. from N 8. of N 9. in N 10. on N 11. under N 12. with N	1. the/this numerator 2. numerator term 3. numerator as a function of x 4. numerator by itself 5. numerator of 1/2 6. numerator on the left hand/the other side 7. from the numerator 8. the limit/the integral/square root/second part /variance of numerator 9. in the numerator 10. on the numerator 11. under the numerator 12. with the numerator	Math/Comp
285	<i>click</i>	n.	1. det N 2. poss N	1. the click 2. my click	Math/Comp, Life

			3. N n 4. adj N 5. N of n 6. N on n	3. click friends/random/model/regime 4. little/right click 5. click of the fingers/a door/a keystroke 6. click on the link/Helium/your computer	
		v.	1. V n 2. V on n 3. V through n 4. V to-inf	1. click December 8 th /the activity icon 2. click on it/the link/the forum/the butoon 3. click through the flight 4. click to search	
286	<i>waves</i> <i>wave (233)</i>	n.	1. det N 2. num N 3. poss N 4. ord N 5. n N 6. adj N 7. N between n 8. N by n 9. N from n 10. N in n 11. N of n 12. N on n 13. by N 14. in N 15. of N	1. these/the waves 2. two waves 3. my/our waves 4. first waves 5. radio/brain/light/gravity/pressure/sea/sound waves 6. sound/gravitational/standing/nor mal/generating gravitational/electromagnetic/different waves 7. waves between velocity 8. waves by mathematical operation/the end of this decade/a factor of ten 9. waves from the horn/this bit/a distant quasar /the early universe/space 10. waves in the sense/the next video/this tank /the ocean/the air/your network/the brain 11. waves of light/contractions/movement /activities 12. waves on a string/the earth/the ocean 13. by the radio waves 14. in waves 15. (the source/the series/the speed/kinds/the peaks/ the frequency) of waves	Phys
		v.	1. V n	1. waves the American flag	
287	<i>cerebellum</i>	n.	1. det N 2. N n 3. adj N 4. N from n 5. N in n 6. from N 7. at N 8. in N 9. of N 10. to N	1. the cerebellum 2. cerebellum function 3. cerebral/spinal cerebellum 4. cerebellum from the body/the upper part/the spinal cord/an individual 5. cerebellum in this specimen/the upper part/the human brain/the white matter/this specimen 6. from the cerebellum 7. at the cerebellum 8. in the cerebellum 9. (curiosity/outputs/parts/region/ function) of the cerebellum 10. to the cerebellum	Life
288	<i>algebra</i>	n.	1. det N 2. N n 3. n N 4. adj N	1. the algebra 2. algebra class/libraries/library/material/review/ operations /routine	Math/Comp, Phys

			5. N to-inf 6. N for n 7. N in n 8. in N 9. from N 10. of N 11. on N	3. energy algebra 4. linear/basic/chemical/elementary/little/ interval /more/similar/simple algebra 5. algebra to get to the equation/solve/get that /look at why 6. algebra for this class/this course/you 7. algebra in them/the modern sense/sixth grade/ the next example 8. in the algebra 9. from the algebra 10. (a bit/the level/the birth/the amount) of algebra 11. on the algebra	
289	<i>eu</i>	n.	proper noun 1. det N 2. N n 3. from N 4. in N 5. with N 6. within N	-EU 1. the EU 2. EU economy/myths/population/commission/law 3. from the EU 4. in the EU 5. with the EU 6. within the EU	Soc
290	<i>thalamus</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N in n 7. N on n 8. N to n 9. at N 10. in N 11. from N 12. of N	1. the thalamus 2. our thalamus 3. motor thalamus 4. dorsal/human thalamus 5. thalamus to fire action potentials/fire 6. thalamus in its surroundings/the crook/ the brainstem/the mammalian brain 7. thalamus on the dorsal aspect/the medial side 8. thalamus to this region/the amygdala/ the motor cortex 9. at the thalamus 10. in the thalamus 11. from the thalamus 12. (complex/parts/nucleus/division /aspect/ nuclei / part) of the thalamus	Life
291	<i>lobe</i>	n.	1. det N 2. N n 3. adj N 4. N from n 5. N in n 6. N into n 7. N of n 8. N with n 9. in N 10. into N 11. of N 12. under N	1. the lobe 2. lobe injury/memory 3. anterior/posterior/temporal/cranial/ occipital/ lobe 4. lobe from the temporal lobe 5. lobe in our brain/the upper and lower banks/this position/the brain/the stream 6. lobe into the inferior temporal one 7. lobe of the pituitary/the human brain/ relatively large numbers 8. lobe with a micro electrode/its counterpart 9. in this lobe 10. into each lobe 11. the very front/the posterior part of the lobe 12. under the lobe	Life

292	<i>dilation</i>	n.	1. det N 2. N n 3. n N 4. N of n 5. N in n	1. a/the dilation 2. dilation effect/equation/example/factor/result 3. time dilation 4. dilation of the bronchi/the vessels/the pupil/ length 5. dilation in that region	Phys
293	<i>alpha</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. N as n 6. N between n 7. N for n 8. N to n 9. of N 10. on N	1. the/an alpha 2. its alpha 3. alpha stage/generation/centauri/carbon/cell /cells 4. cosine alpha 5. alpha as a constant of proportion 6. alpha between 0 and 1 7. alpha for particular set 8. alpha to the power/the i/zero 9. the same concept of alpha 10. on alpha	Math/Comp
294	<i>octave</i>	n.	1. det N 2. N n 3. adj N 4. N to-inf 5. N from n 6. at N 7. in N 8. into N 9. of N 10. within N	1. an/the/this octave 2. octave code/documentation/duplication/filter /filters/function/indexes/notation/programs/ 3. another octave 4. octave to put multiple commands/quit 5. octave from one another 6. at the octave 7. in octave 8. into octave 9. the interval/notes of an octave 10. within an octave	Math/Comp
295	<i>phenotype</i>	n.	1. det N 2. poss N 3. adj N 4. N as n 5. N for n 6. N in n 7. N of n 8. in N 9. of N	1. the/a phenotype 2. its phenotype 3. different/dominant/great/mutant/same/normal /wingless/recessive phenotype 4. phenotype as a function of experience/ one of the homozygotes/men 5. phenotype for CyCg/each genotype 6. phenotype in the lab/a way/the heterozygote /this population 7. phenotype of these individuals/Argc/diabetes/ interest/differences/people 8. in phenotype 9. (aspect/frequency/aspect) of phenotype	Life
296	<i>outputs</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N as n 6. N between n 7. N for n 8. N from n 9. N of n 10. N to n 11. from N	1. the outputs 2. their outputs 3. detection/algorithm outputs 4. correct/descending/intermediate/partial/ multiple/individual /some/various outputs 5. outputs as the results 6. outputs between households 7. outputs for a logical 0/a given set of inputs/a given input	Math/Comp, Phys

			12. of N 8. outputs from the cerebellum/our procedure 9. outputs of the cerebellum/these cortical networks/a particular system/a farm/this big box 10. outputs to stimuli/ground/circuits/the medial dorsal nucleus 11. from the outputs 12. (values) of the outputs		
		v.	1. V n 1. outputs some electrical signals/the same value		
297	<i>alleles</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N as n 6. N for n 7. N in n 8. N of n 9. N with n 10. N on n 11. in N 12. of N 13. with N	1. these/the alleles 2. two/three alleles 3. risk/function/ alleles 4. detective/different/functional/mutant/normal/ varied/varying alleles 5. alleles as wild type 6. alleles for a gene/longitude intervals 7. alleles in this gene/the pair/this problem 8. alleles of a gene/this gene/the same loci/ different loci 9. alleles with small effects/more repeats/ particular extremes 10. alleles on the chromosome/the chromosomes/ /both chrchromosomes 11. in alleles 12. (pairs/effects/sets/the frequency) of alleles 13. with four alleles	Life
298	<i>estimator</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N as n 6. N for n 7. N in n 8. N of n 9. by N 10. of N	1. the/an/this estimator 2. our estimator 3. expectation/likelihood/mean/probability /zero estimator 4. linear/unbiased/optimal/particular/ estimator 5. estimator as your design/another example 6. estimator for the variance/it 7. estimator in this problem/a conditional universe 8. estimator of the variance/the mean/that kind 9. by our estimator 10. value of this estimator	Math/Comp
299	<i>normal</i>	adj.	1. ADJ n 2. ADJ for n 3. ADJ in n 4. ADJ to n 5. ADJ to-inf 6. it v-link ADJ to-inf	1. normal belief/distributions/random 2. normal for women 3. normal in the west/the sense/ parantheses variables/ancestry/conditions 4. normal to the identity/the person 5. normal to be feeling depressed/ remember a dream 6. it's quite normal to remember a dream/it is normal to be feeling depressed today/	Math/Comp, Life, Phys
300	<i>lattice</i>	n.	1. det N 2. poss N	1. the/this/a lattice 2. Alice's / Bob's lattice	Phys

			3. N n 4. adj N 5. N to-inf 6. N as n 7. N for n 8. N in n 9. N of n 10. in N	3. lattice clocks/energy/energies/structure/ system /wall 4. crystal/cubic/entire/imaginary/usua l/ whole/ synchronized/crystal lattice 5. lattice to compute 6. lattice as a solid state 7. lattice for the price speed/sodium chloride 8. lattice in the partition doors 9. lattice of clocks/the silicon/the east wall 10. in the lattice	
301	<i>polynomial</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N in n 8. N of n 9. N to n 10. N with n 11. by N 12. of N 13. in N 14. to N	1. a/the/this polynomial 2. your polynomial 3. polynomial analogue/equation/features /time/ function /functions/kernel/regression/terms/ version 4. degree/conductor/degree/order polynomial 5. characteristic/complex/enough/diff erent/some/ /quadratic polynomial 6. polynomial to fit the data/fit to data 7. polynomial in this case/size/two variables 8. polynomial of degree n 9. polynomial to your data/the power of 1 10. polynomial with a lot of parameters 11. by this polynomial 12. (the degree/properties/the proof/the choice) of polynomial 13. in polynomial 14. to your/the polynomial	Math/Comp
302	<i>integer</i> <i>integers (317)</i>	n.	1. det N 2. N n 3. adj N 4. N between n 5. N by n 6. N from n 7. N in n 8. N of n 9. N with n 10. of N 11. with N	1. an/the integer 2. integer ratios/division/number/square/ values/ value/variable/ratio 3. large/temporary/positive/simple integer 4. integer between zero and ten/low and high 5. integer by a floating point 6. integer from the user 7. integer in each of the nodes 8. integer of the form 9. integer with int function/the placeholder 10. the size of the integer, a square of some integer 11. with the integer	Math/Comp, Phys
303	<i>nordic</i>	adj.	1. ADJ n	1. nordic mythology/literature/countries/film	Life
304	<i>mozart</i>	n.	proper noun, name	Mozart	Human
305	<i>x-axis</i>	n.	1. det N 2. poss N 3. adj N 4. N at n	1. the x-axis 2. our axis 3. positive x-axis 4. x-axis at an angle	Math/Comp, Phys

			5. N by n 6. N for n 7. N from 0 8. N in n 9. N on n 10. of N 11. on N 12. with N	5. x-axis by gamma/an angle alpha/angle 6. x-axis for a dimension 7. x-axis from 0 8. x-axis in the xy plane 9. x-axis on this multimeter 10. (a photograph) of the x-axis 11. on the x-axis 12. with the x-axis	
306	<i>vectors</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N from n 6. N in n 7. N into n 8. N of n 9. N on n 10. N to n 11. N with n 12. into N 13. of N 14. in N 15. on N 16. with N	1. these/the vectors 2. your vectors 3. parameter/feature/index/column/output/row /outputs /unit vectors 4. binary/cloning/different/dimensional/ independent vectors 5. vectors from the vector field 6. vectors in the vector field 7. vectors into logistic regression/gradient ascent 8. vectors of length/zeros/16 components 9. vectors on the straight line 10. vectors to the set 1 11. vectors with two components/real numbers 12. into vectors 13. blocks/sets/pair/kinds/collection/ kind of vectors 14. in vectors 15. on the vectors 16. with the vectors	Math/Comp
307	<i>divide</i>	v.	1. V n 2. V n into n	1. divide time/the work/space 2. divide a sentence into a subject/the language into two categories/the profile into two parts/this period into two stages	Math/Comp
		n.	1. det N 2. adj N 3. n N 4. N among n 5. N between n 6. N by n 7. N in n 8. N of n 9. N over n 10. by N 11. of N	1. the/this/that divide 2. great/massive/racial divide 3. income divide 4. divide among them 5. divide between high and low culture/ disability and impairment 6. a divide by 2 7. divide in nature 8. divide of play and war 9. divide over climate change 10. by the divide 11. of this/that divide	
308	<i>wavelength</i> <i>wavelength (648)</i>	n.	1. det n 2. N n 3. n N 4. adj N 5. N for n 6. N in n 7. N of n 8. at N 9. by N 10. in N 11. of N 12. on N 13. with N	1. a/the wavelength 2. wavelength colors/phenomena/range/ shift/ properties/value/wave 3. radio wavelength 4. shorter/characteristic/different/big/ long /optical /same wavelength 5. wavelength for chlorophyll 6. wavelength in the visible spectrum/the optical light/our own solar system/a systematical way/the box/open water 7. wavelength of light/the light/the wave/ sound /the violet light/the	Phys

311	<i>certain</i>	adj.	1. ADJ n 2. it v-link ADJ that- 3. v-link ADJ of n 4. v it ADJ that- 5. ADJ that 6. ADJ to-inf 7. ADJ about n 8. ADJ of n	1. certain number/kind/way/point/times 2. it is certain that I'm really distinct from/you share them with other folks/he seduced the wives/ the two things are 3. we are not 100% certain of that context/ 4. make it certain that you do the readings/it's a genetic disease/they're answering the question 5. I am not so certain that we can generalize them/ we're certain that the outcome of the experiment is correct 6. You are certain to stay there forever/then B is certain to occur/you're almost certain to make some unhealthy choices 7. certain about their morality/these two things/ what the results really mean 8. he can't be certain of anything/I'm not certain of it/we are almost certain of it now	Human, Soc
312	<i>turing</i>	n.	1. proper noun	proper noun 1. Alan Turing	Human
313	<i>goes</i>	v.	1. V to-inf 2. V n 3. V into n 4. V through n 5. V to n 6. V for n 7. V against n 8. V towards n 9. V between n 10. V adj	1. goes to eat/see his friend 2. goes binary hunting 3. goes into Rome/my house/Chapel/half notes 4. goes through Armenia 5. goes to a private home/Saraha/Athens 6. goes for several pages/rulers/the holiday/coffee 7. goes against that belief/the grain 8. goes towards two organs/the sewage plant 9. goes between zero and one 10. goes wrong/slow/too fast	Math/Comp, Phys
314	<i>contraction</i>	n.	det N N n n N adj N N to-inf N of n by N	-the concentration -contraction effect/effects/equation/ factor/ formula -length/width/height/muscle contraction -economic/tonic/strong/muscular/better/active/ isometric/lightening contraction -contraction to build on the ideas/end up with this -contraction of the muscle/the stretched muscle /the ventricles/the myocyte/those facial muscles/those muscle fibers -by a contraction-	Life, Phys
315	<i>lorentz</i>	n.	proper noun	proper noun *.the Lorentz transformation	Phys
316	<i>dimensional</i>	adj.	1. ADJ n 2. num ADJ	1. dimensional space/picture/matrix/plane/surface 2. two/three dimensional	Math/Comp
317	<i>integers</i> <i>integer (302)</i>	n.	1. det N 2. num N 3. adj N	1. the/these/those integers 2. 10 integers 3. positive/even/unique integers	Math/Comp

			4. N between pl-n 5. N by n 6. N for n 7. N from n 8. N in n 9. N into n 10. N of n 11. N over n 12. N with n 13. for N 14. from N 15. of N 16. in N	4. integers between a and b 5. integers by producing a K/having equations 6. integers for counting things/eight students 7. integers from a until b/1 all the way up to b 8. integers in this case/many books/the blanks 9. integers into that array/a linked list 10. integers of the form 11. integers over integers 12. integers with this property 13. for integers 14. from the integers 15. (terms/array/pairs/list/quotients) of integers 16. in integers	
318	<i>inverse</i>	adj.	1. ADJ n	1. inverse problem/relationship/function/property	Math/Comp
		n.	1. det N 2. n N 3. adj N 4. N as n 5. N for n 6. N of n 7. N to n 8. at N 9. of N	1. the/a/this inverse 2. matrix/tan/phi/pseudo/volt inverse 3. regular inverse 4. inverse as a shorthand 5. inverse for 0 6. inverse of the slope/resistance/period/ the current value/the matrix 7. inverse to both sides of this equation 8. at the inverse 9. (the definition/the name) of the inverse	
319	<i>synchronized</i>	v.	1. (v-link) V with n 2. (v-link) V to n 3. (v-link) V between n 4. V n	1. was synchronized with each other/sort of Hindu formations 2. be synchorized to another person/some time keeping system 3. is synchronized between various stations 4. synchronized many of their myths-	Phys
		adj.	ADJ for n It v-link ADJ that-	-synchronized for Alice -It is synchronized that once the barn actually got to this end.	
320	<i>nerve</i> <i>nerves (929)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N between n 7. N in n 8. by N 9. in N 10. within N	1. a/the/this nerve 2. nerve cell/cells/center/endings/fiber/fibers/ 3. motor nerve 4. trigeminal/cranial/spinal/auditory/ facial/ hypoglossal/sensory nerve 5. nerve to step foot/tell you black man/ suggest it earlier/explore water/open up 6. nerve between the olive and the pyramid 7. never in two respect/the neck/the cranial region 8. by each nerve 9. in a nerve, in medical nerve 10. within a nerve	Life
321	<i>simultaneity</i>	n.	1. det N 2. N n	1. the simultaneity 2. simultaneity effects	Phys

			3. n N 4. N to-inf 5. N by n 6. N for n 7. N in n 8. N of n 9. from N 10. of N	3. clock simultaneity 4. simultaneity to do the analysis here 5. simultaneity by using this method 6. simultaneity for Bob/Alice 7. simultaneity in same location/any frame of reference/a reverse direction 8. simultaneity of synchronized clocks 9. from relative simultaneity 10. (the relativity/the line) of simultaneity	
322	<i>solve</i>	v.	1. V n	1. solve small problems/the problem/a series of murders/all kinds of difficult situations	Math/Comp, Soc
323	<i>kinds</i>	n.	1. det N 2. adj N 3. N to-inf 4. N of n 5. N in n	1. the kinds 2. different/all/certain/amazing kinds 3. kinds to be perfect 4. kinds of troubles/broad questions/rules/ values/ sheeps/features/endings/violence/ activities/ 5. kinds in a different dialogue/a single array	Life
324	<i>find</i>	v.	1. V n 2. V n n 3. V n adj 4. V that 5. find out	1. find a book/a movie/a song/a tune/one 2. find me a stage 3. find me interesting/him demanding/that very helpful 4. find that Plato thinks.../he is... 5. find out	Math/Comp, Life
325	<i>sense</i>	n.	1. det N 2. poss N 3. adj N 4. N to-inf 5. N about n 6. N among n 7. N at n 8. N by n 9. N for n 10. N from n 11. N in n 12. N into n 13. N of n 14. N with 15. at N 16. by N 17. from N 18. in N 19. out of N 19. with N	1. the/a/this sense 2. our sense 3. common/social/strong sense 4. sense to talk about/introduce the tools 5. sense about differences/the Romans/who we want to spend time with 6. sense among the Romans 7. sense at the domain 8. sense by the memory system/geography/ Professor Sophia 9. sense for a firm/me/the languages 10. sense from the inventors/the perspective 11. sense in many figures/the European world 12. sense into the statute 13. sense of what's involved/what's going on me/ what's going on/naturalness/decline/ duty/ 14. sense with your spirit/the rise of the Internet/ respect to what Hesiod has before 15. at some sense 16. by a sense 17. from the sense 18. in that sense 19. out of a sense of... 19. with our sense of...	Human, Soc
		v.	1. V n 2. V that-	1. sense things/the different fluctuations/how to move the ball/the problem	

				2. sense that this building was a type of ...	
326	<i>bonds</i>	n.	1. det N 2. n N 3. adj N 4. N to-inf 5. N about n 6. N between n 7. N by n 8. N in n 9. N of n 10. N on n 11. N to n 12. N with n 13. by N 14. from N 15. of N 16. in N 17. out of N 18. with N	1. these/the bonds 2. sigma/hydrogen bonds 3. hydrogen/polar/favorable/covalent /ionic /chemical bonds 4. bonds to put them into ATP/go/distribute 5. bonds about the carbon atom/the meh 6. bonds between the bases/parents and children/ them/strands/the carbon atoms/ the sulfur and oxygen 7. bonds by sharing hydrogen/pairs of electrons/ sharing three pairs of elements 8. bonds in the portfolio/the reference portfolio/a sequence specific manner/the molecule/this case 9. bonds of family/kinship/the oil/that fuel/ the wood 10. bonds on the top/the poles/pool of credits 11. bonds to each other/them/the sulfur 12. bonds with water/carbon/the pairs of electrons /hydrogen/children 13. by hydrogen bonds 14. from the bonds 15. (the strengths/the arrangement/the types) of the bonds 16. in these/serious bonds 17. out of the bonds 18. with iconic bonds/double bonds	Life, Phys
		v.	1. V with n 2. V as n 3. V n 4. V to n	1. bonds with the performers/you/the music 2. bonds as one 3. bonds the community 4. bonds to the substrate	
327	<i>binding</i>	adj.	1. ADJ n 2. ADJ on n 3. ADJ to n	1. binding convention/effect/obligation/wire 2. binding on states/them/the parties 3. binding to the specific sequence/a receptor	Life, Phys, Soc
		v.	1. V n 2. V n with n	1. binding your sons/themselves 2. binding him with rope	
		n.	1. det N 2. adj N 3. N between n 4. N by n 5. N of n 6. N to n 7. by N 8. in N 9. with N	1. the binding 2. reasonable binding 3. binding between landscape and the temple 4. binding by the transcription factor 5. binding of drugs/a neurotransmitter/sodium/ other proteins /the molecule 6. binding to stromelysin 7. by the binding 8. in the binding 9. with the binding	
328	<i>switch</i>	n.	1. det N 2. poss N	1. the/a switch 2. his/my switch	Math/Comp, Phys

	<i>switches (935)</i>		3. n N 4. N n 5. adj N 6. N to-inf 7. N as n 8. N for n 9. N from n 10. N in n 11. N into n 12. N of n 13. N to n 14. N with n 15. at N 16. of N 17. on N 18. with N	3. switch case/device/element/model/node /values /network /networks/setting 4. selector/button switch 5. quadrant/abstract/bidirectional/cl osed/ controlled /good/ideal/light/mechanical switch 6. switch to stop the trap door/be off/be turned off/work 7. switch as an example 8. switch for those examples/any value of VIN/this particular example/transmitting high level 9. switch from the blue links/analog/oral to written music 10. switch in loss/the buck converter/any house/ function/this case 11. switch into computer science 12. switch of ours 13. switch to a concert grand/talking about/ a segmentation structure 14. switch with the voltage/some polarity 15. at switch 16. (the choice/a set) of switch 17. on switch 18. with its switch	
		v.	1. V n 2. V n to n 3. V n from n 4. V with n 5. V between pl-n 6. V to n 7. V from n	1. switch attention/dates/leg/moderators/topi cs 2. switch it to some other team 3. switch your attention from apple 4. switch with the second word 5. switch between different kinds of fruit/all comments 6. switch to cell phones 7. switch from the base products	
329	<i>ion</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N as n 7. N from n 8. N in n 9. N on n 10. N with n 9. from N 10. into N 11. of N 12. on N	1. the/an ion 2. ion ammonium/channels/activity/activ ity/shell/ concentration/flow/transporters 3. hydronium/ bromide/sodium ion 4. positive/chloride/charged/permeant ion 5. ion to transport another/flow/attract 6. ion as a base/the acid 7. ion from a region of low concentration/the water molecule 8. ion in question/solution 9. ion on the product side/either side of our membrane 10. ion with a valence of minus 1 11. from the ion 10. into an ion 11. (the concentration/the movement) of the ion 12. on the ion	Life, Phys
330	<i>product</i>	n.	1. det N 2. N n 3. n N	1. the/a product 2. product placement/differentiation/ evaluation /symbol/notation/	Math/Comp, Soc

			4. adj N 5. N at n 6. N between n 7. N by n 8. N in n 9. N of n 10. N on n 11. N over n 12. N with n 13. from N 14. in N 15. of N 16. with N 17. within N	development rule/curve 3. food/protein/waste product 4. domestic/Boolean/marginal/gross/ new/ cheaper /similar/natural/particular product 5. product at one price/some lower energy 6. product between the two vectors/parameters 7. product by that monopoly 8. product in Western Europe 9. product of genetic engineering /things rimes 10. product on the European market 11. product over another 12. product with respect to the sum/wage rate 13. from the product 14. in the product 15. (a better version/the beauty/the context) of the /this product 16. with the product 17. within this product *.Gross Domestic Product	
331	<i>cord</i>	n.	1. det N 2. N n 3. adj N 4. N to-inf 5. N as n 6. N between n 7. N for n 8. N from n 9. N in n 10. N into n 11. N on n 12. N to n 13. N with n 14. from N 15. in N 16. of N	1. cord circuitry/injury/segments/structure 2. spinal cord 3. vocal/umbilical/hygienic cord 4. cord to show you/achieve these goals/ reach the cerebellum 5. cord as the body's most complex organ 6. cord between the dorsal and the ventral horns 7. cord for certain regions/illustration 8. cord from one side/another 9. cord in the dorsal columns/the caudal part/the case of the motor 10. cord into the serebone/the brainstem/ the cerebellum 11. cord on either side 12. cord to thalamus/our muscle/those muscle fibers 13. cord with clean scissors/antiseptic chlorhexidine/a set of spinal nerves 14. from thoracic cord/sipnal Cordially 15. in the spinal/seventh cord, in the cord 16. (this discussion/the length/lateral sides) of the cord	Life
332	<i>shear</i>	v.	V n	-shear sheep	Phys
333	<i>videos</i> <i>video (499)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N about n 7. N between pl-n 8. N by n 9. N for n 10. N from n 11. N in n	1. the/those videos 2. our videos 3. future/animal videos 4. previous/next/earlier/last few/new/few/ vertical videos 5. videos to see both the strengths/roll out/ talk about that/watch them 6. videos about them/this 7. videos between me and my colleagues	Math/Comp

			12. N of n 13. N on n 14. N to n 15. N with n 16. from N 17. in N 18. of N 19. with N	8. videos by Jonathan 9. videos for each session/you/the course 10. videos from their studies/this week 11. videos in this course/this section/this module 12. videos of this module/our informants/ this week/this class 13. videos on space/Youtube/linear algebra review/blood 14. videos to people all around the world/ each other 15. videos with dolphins/you 16. from the videos 17. in the/these videos 18. (one/some)of these videos 19. with 700 videos	
334	<i>height</i>	n.	1. det N 2. its height 3. N n 4. n N 5. adj N 6. N against n 7. N at n 8. N between n 9. N in n 10. N from n 11. N of n 12. N on n 13. N to n 14. N with n 15. at N 16. by N 17. from N 18. of N 19. in N 20. with N	1. a/the height 2. its height 3. height constant/contraction/difference 4. column/peak/scale height 5. maximal/more/much/new/same height 6. height against gravity 7. height at point C/which they are... 8. height between different people/the villa and the ground 9. height in that area/pixels/this picture 10. height from outer ones/ground 11. height of his fame/the printed book/ winter/ summer/his cunning/the walls/the shell/the water 12. height on the other side/their back 13. height to width 14. height with the velocity 15. at the height 16. by the height 17. from waist/the height 18. (amount/interval/change/histogram) of height- 19. in height 20. with the/high height	Math/Comp
335	<i>variance</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N as n 7. N by n 8. N for n 9. N from n 10. N of n 11. N in n 12. N with n 13. at N 14. by N 15. of N 16. out of N 16. with N	1. the/a variance 2. variance calculations/classifier/identity 3. bias variance 4. conditional/high/common/genetic variance 5. variance to calculate/construct your confidence intervals 6. variance as a risk measure/a random variable 7. variance by just adding the variances/ using something/just looking at this formula/using this estimation 8. variance for Theta/both 9. variance from the norms/a lot of different persons 10. variance of the random	Math/Comp

				variables/the return again/the portfolio/the market/a random variable 11. variance in the context/the conditional model/this case/the second section 12. variance with our attitudes/my concerns/ the square of that constant 13. at variance with itself 14. by the variance 15. (the percentage/the limitations/the definition/ this idea) of the variance 16. out of the/a variance 16. with variance, with some variance	
336	<i>tang</i>	n.	proper noun	proper noun -Tang Dynasty	Human
337	<i>looks</i> <i>look (176)</i>	n.	N of n adj N	-looks of passerby/doors/youth -good/weird/dirty/distinctive looks	Math/Comp, Phys
		v.	1. V at n 2. V like n 3. V adj	1. looks at this/an animal/him 2. It looks like he's shooting/a Chinese meal /a library 3. looks ood/extremely complex/identical/puzzled	
338	<i>palace</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N at n 8. N for n 9. N in n 10. N of n 11. N on n 12. N to n 13. N with n 14. at N 15. by N 16. of N 17. in N 18. into N 19. to N 20. with N	1. a/the/his palace 2. Alkinoss'/your/Neston's/this palace 3. palace city/museum/area/buildings/life/hall/ construction/compound/structure 4. Medici/Ningshou/Potala/summer palace 5. temporary/detached/magnificent palace 6. palace to make plays/live in 7. palace at Knossos/Split/the center/the side of the courtyard 8. palace for that purpose/short stay/her/ the public/the emperor 9. palace in the states/Rome/the Tang Dynasty /Luoyang 10. palace of the Tang Dynasty/Zhongdu/the Emperor /Earthly Tranquility 11. palace on a high platform 12. palace to the French emperors 13. palace with the tower/a rabbit 14. at the palace 15. by the Barberini palace 16. (the ruins/a model/the construction/the main court) of the palace 17. in palace, in his/your palace 18. into the palace 19. to Ligong Palace, to your palace 20. with the palace	Human
339	<i>smaller</i>	adj.	1. ADJ n 2. ADJ for n 3. ADJ in n 4. ADJ with n 5. ADJ than n	1. smaller one/user/differences/number/step 2. smaller for a real hill 3. smaller in size 4. smaller with lower ceiling	Math/Comp, Phys

				5. smaller than the harm/the value/this term/ what's on the bottom/our output	
340	<i>nitrogen</i>	n.	1. N n 2. adj N 3. N to-inf 4. N for n 5. N from n 6. N in n 7. N into n 8. N on n 9. N to n 10. N with n 11. by N 12. of N 13. on N 14. with N	1. nitrogen atoms/atom/balance/cycle/content/dioxide/emissions/fertilizer/flows/gas/input/molecules/oxides 2. basic nitrogen 3. nitrogen to demonstrate the computation/for the N-oxide 4. nitrogen for the soil 5. nitrogen from the soil/the atmosphere/the air 6. nitrogen in it/this case/that position/ manure 7. nitrogen into an oxygen 8. nitrogen on the left 9. nitrogen to Africa/the mass of an oxgen/ soybean 10. nitrogen with it/manure/the lone pair/an oxygen 11. by the nitrogen 12. (the amount/the mass/the size/a state/the ratio) of nitrogen 13. on the nitrogen 14. with this/the nitrogen	Life, Phys
341	<i>subtract</i>	v.	1. V n 2. V from n 3. V n from n	1. subtract partials/the production cost 2. subtract from it/the risk/that number 3. subtract it from the objective/the accounting cost from it/150 from 1000	Math/Comp
342	<i>mass</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N at n 8. N among n 9. N about n 10. N by n 11. N from n 12. N for n 13. N in n 14. N of n 15. N on n 16. N to n 17. N with n 18. by N 19. from N 20. in N 21. into N 22. of N	1. the/a/this mass 2. its mass 3. mass function/functions/index 4. land mass 5. rotational mass 6. mass to build tension/shine stably/compress its interior 7. mass at baseline 8. mass among the less advanced children 9. mass about that of the Jupiter/half of the mass of Jupiter 10. mass by Machaut/the volume/setting it on a surface/some fixed amount of distance 11. mass from the radial velocity 12. mass for joint performances 13. mass in that process/your hand/your bar 14. mass of cells/grey matter extremities/ clocks/ the atoms/a particle/the star/ Jupiter 15. mass on the y-axis/it/a neuron/this particular interval 16. mass to the M-stars/each other/the plug/it 17. mass with the same feed intake/the lead brick/ the earth 18. by the mass 19. from the mass 20. in the mass	Phys

				21. into the mass 22. (the center/the center/the living body) of mass	
		adj.	1. ADJ n	1. mass muder/circulation/culture/movements/ construction	
343	<i>modulus</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. N to-inf 6. N against n 7. N for n 8. N from n 9. N in n 10. N of n 11. N to n 12. in N 13. by N 14. of N 15. to N 16. with N	1. the modulus 2. Young's modulus- 3. modulus operator/parallel/system 4. bulk/shear modulus 5. modulus to have the same dimensions/the shear stresses 6. modulus against the volume fraction of phase 1 7. modulus for different materials/the 23 plane /aluminum/rubbers 8. modulus from that 9. modulus in that plane 10. modulus of elasticity/the composite/ glass/the epoxy 11. modulus to this change 12. in the modulus 13. by the modulus 14. (an estimate/the physical basis) of the modulus 15. to the modulus 16. with the modulus	Phys
344	<i>going</i>	v.	1. V to n 2. V to-inf 3. V into n 4. V through n 5. V for n 6. V against n 7. V towards n 8. V onto n	1. going to this class 2. going to attack/show/feel/come/think/ be about choices/produce/break into a variation 3. going into Rome/a sperm bank 4. going through all the different flights/the appropriate computer program 5. going for this/the next few lectures 6. going against the wind/gravity 7. going toward your feet/the front/the back 8. going onto the grid	Math/Comp, Phys
		n.	1. det N 2. poss N 3. n N 4. adj N 5. N to n	1. a going 2. whose going 3. gallon going 4. leftward/thorough/current going 5. going to the blenders/this other page/ products	
345	<i>regularization</i>	n.	N n adj N N to-inf N at n N in n N of n of N on N	-regularization objective/parameter/term -extra/usual/additional/minimal/regularization -regularization to address overfitting/ work well -regularization at a very high level -regularization in action -regularization of architecture plan/your learning algorithm/the parameter lambda /irregular words -sort/idea/term/value of regularization -on regularization	Math/Comp
346	<i>blue</i>	adj.	1. ADJ n	1. blue values/regions/parts/curves/dots	Math/Comp, Soc
		n.	1. adj N	1. deep/extra/yellowish blue	

			2. in N	2. in blue	
347	<i>limit</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N as n 6. N by n 7. N for n 8. N from n 9. N of n 10. N on n 11. N in n 12. N to n 13. by N 14. in N 15. into N 16. of N 17. with N 18. within N 19. without N	1. the/a limit 2. speed/definition limit 3. limit theorem/law/book/calculation/definition 4. another/absolute/central/original/same/ sided /different limit 5. limit as delta/a kind of moral packaging 6. limit by advertising a sale/looking at a table of function values 7. limit for an event/its action 8. limit from the right-hand side/the left-hand side 9. limit of the terminology/his allowances 10. limit on the party/the amount of debt/ the mass of the planet 11. limit in the universe/a sense/this particular way 12. limit to how much we can control/how fast you can make that/how high a pile can be/how much you can write/the speed 13. by the limit 14. in the limit 15. into the limit 16. (the concept/the definition/the speed) of the limit 17. with the limit 18. within the limit 19. without the limit	Math/Com
		v.	1. V n 2. V n to n 3. V on n	1. limit his liberty/my creativity/religious activities /the degree/the number of stops 2. limit himself to Chinese novels/religious activities to those 3. limit on what you could do	
348	<i>quiz</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N about n 8. N as n 9. N for n 10. N in n 11. N of n 12. N on n 13. N with n 14. in N 15. to N 16. with N	1. the quiz 2. our quiz 3. quiz assignment 4. review/snapshop/vidoe quiz 5. little/quick/simple quiz 6. quiz to make sure that.../to see if you../to see an example of .../test your skill 7. quiz about variables/this/mutation/ strings 8. quiz as a file/your final assignment 9. quiz for this module/you 10. quiz in this/this unit 11. quiz of this unit/this section/this 12. quiz on musical scales/this/strings 13. quiz with Sara 14. in the quiz, in a quiz, in lecuture quiz 15. to the quiz 16. with this quiz	Math/Comp, Soc
		v.	1. V n 2. V n on n	1. quiz you/yourself 2. quiz him on more questions	
349	<i>side</i>	n.	1. det N 2. poss N 3. N n	1. the side 2. his side 3. side	Life, Phys

			4. n N 5. adj N 6. N to-inf 7. N against 8. N by n 9. N for n 10. N from n 11. N in n 12. N into n 13. N of n 14. N to n 15. N with n 16. at N 17. by N 18. from N 19. in N 20. into N 21. on N 22. to N 23. with N	activity/aisles/bay/bays/benefits/ beta/box/ chain/comment/component/ courtyard/diagram/ dish/effect/effects/ halls/houses/length/note 4. food/business/asset/cost side 5. left-hand/right-hand/each/another/ anterior/ back /bright side 6. side to understand what those man/advertise their perspectical axis 7. side against your views 8. side by side 9. side for this chromosome/a second/our circle/ fun/the inverter/developing 10. side from the others/the top/European immigrants 11. side in the cold/the future/our session/a conflict/ this approximate equality 12. side into the body/a variable/the unregulated side 13. side of the gods/intimacy/things/the door/the manuscript/the pond/the brain 14. side to this town/the spy/this coin/the lung 15. side with these equivalent circuits/the bood ties/the signatures 16. at every/each side 17. by his/my side 18. from one/my/his side 19. in the side 20. into this/that/either side 21. on one side 22. to his/that side 23. with this/the side	
		v.	1. V with n	1. side with street trees/the Ionian polis/ canals yonder/supporting members	
350	<i>dwarf</i>	n.	1. det N 2. N n 3. adj N 4. N to-inf 5. N from n 6. N in n 7. N into n 8. N of n 9. of N 10. to N	1. a/the dwarf 2. dwarf planets/columns/stars/material/ novae 3. white darf 4. dwarf to speak/collapse/make them fuse 5. dwarf from another neutron star 6. dwarf in the middle 7. dwarf into little cubes 8. dwarf of uniform density/the accretion/solid mass 9. (very powerful sample/our big box) of the dwarf 10. to the dwarf	Phys
		v.	1. V n	1. dwarf their moons/that of the Alexander the Great	
351	<i>distribution</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N among n 7. N against n	1. the distribution 2. its distribution 3. distribution channel/agreement/center/ code/ function/networks/phase/system 4. probability/income/return/random/	Math/Comp, Soc

			8. N between n 9. N by n 10. N for n 11. N from n 12. N in n 13. N of n 14. N on n 15. N over n 16. N to n 17. N with n 18. from N 19. in N 20. into N 21. of N 22. out of N 23. to N 24. with N	joint /decile /degree distribution 5. normal/posterior/correct/binomial/certain/ conditional/cumulative distribution 6. distribution among extensive metabolizers/men 7. distribution against Kenan nomads 8. distribution between zero and one/4 and 10/0 and x 9. distribution by a conditional one/using an appropriate version 10. distribution for each individual time/the stock price/the test/linear functions 11. distribution from the Pascal random variable/a different point of view/the sun/ the oceans 12. distribution in the US/the economy/each state/practice/finance 13. distribution of hairs/income and wealth/ offices and honors/water/the stock price/ hairs/the population 14. distribution on this unit square/this interval/ this set/networks graph/this theta/the state 15. distribution over heads/all possible outcomes /the states 16. distribution to the brain/this data set/ this example/one arm/those particular areas/this merged process 17. distribution with parameter 1/a certain mean /unknown parameters 18. from unequal distribution 19. in the equal distribution, in distribution 20. into this distribution 21. (state/tools/media/volume) of distribution 22. out of this/the distribution 23. to their distribution 24. with the/this/that distribution	
352	optimization	n.	1. det N 2. N n 3. n N 4. N from n 5. N in n 6. N of n 7. N with N 8. in N 9. of N 10. on N	1. the/an/this optimization 2. optimization algorithm/algorithms/ concepts/ cost function/methods/stage/objective / process /tricks /software/techniques/ tricks 3. website optimization 4. optimization from week zero 5. optimization in efficiencies/a spreahsheet/ computer programing 6. optimization of land use systems/side activities/ land use systems/strips transports 7. optimization with respect to two numbers 8. in linear optimization 9. (this discussion/the cost function/a review/ a consequence) of the	Math/Comp

				optimization 10. on lead/myoptic optimization	
353	<i>ming</i>	n.	proper noun	proper noun Ming dynasty	Human
354	<i>approximation</i>	n.	1. det N 2. ord N 3. n N 4. adj N 5. N to-inf 6. N by n 7. N for n 8. N in n 9. N of n 10. N on n 11. N to n 12. N with n 13. at N 14. from N 15. in N 16. of N 17. to N 18. under N 19. with N	1. an/the/this approximation 2. first approximation 3. ripple/time approximation 4. linear/good/accurate/better/close/ good/ numerical approximation 5. approximation to get these equations/replace V 6. approximation by rectangles/approximating the curved area 7. approximation for the strain/small Delta/ the probability/this interval/my velocity 8. approximation in many situations/the voltage /each stage 9. approximation of the function/the value of sin of x/the orange curve/solutions/the derivative/ chi-square/the standard error 10. approximation on this tail probability/these reactive intermediates 11. approximation to that equation/the answer/ the area/that algorithm/the Earth 12. approximation with parameter 100 13. at first approximation 14. from the approximation 15. in our approximation 16. (the idea/the accuracy) of this approximation 17. to an approximation 18. under the approximation 19. with an approximation/the approximation	Math/Comp, Phys
355	<i>phosphate</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N at n 7. N between pl-n 8. N for n 9. N in n 10. N into n 11. N on n 12. N out of n 13. N to n 14. into N 15. of N 16. with N 17. without N	1. a phosphate 2. my phosphate 3. phosphate backbone/bond/fertilizer/group/rock 4. ammonium/creattine/high-energy/ rock/sodium/ potassium/sugar phosphate 5. inorganic phosphate 6. phosphate at the 5 prime 7. phosphate between the 5 carbon of one sugar 8. phosphate for phosphorylation reactions/every mole 9. phosphate in water/it 10. phosphate into water/this one 11. phosphate on it 12. phosphate out of it 13. phosphate to the middle 14. into triose phosphate 15. (donation/projections/grades/stoc ks/moles/ concentration) of phosphate 16. with a phosphate 17. without the phosphate	Life, Phys

356	<i>hip</i>	n.	1. det N 2. N n	1. the/a hip -hip roof/hop/bone *. hip hop	Human
		adj.	1. ADJ n	1. hip hop	
357	<i>flash</i>	n.	1. det N 2. adj N 3. N to-inf 4. N at n 5. N from n 6. N in n 7. N of n 8. N on n 9. N to n 10. of N 11. in N 12. to N	1. a/the flash 2. another/first/given/great/little/red flash 3. flash to occur at tB/occur with the first one/ catch 4. flash at negative 2 5. flash from Bob's perspective 6. flash in Alice's frame of reference 7. flash of light/inspiration/green light 8. flash on the surface 9. flash to Alice/Bob 10. flash of light 11. position/location of the flash 12. in flash	Phys
		adj.	1. ADJ n	1. flash photo/memory/bulb/mob/dance/dri ve	
		v.	1. V n 2. V	1. flash her anger/a light 2. then flash	
358	<i>genetics</i>	n.	1. N n 2. adj N 3. N to-inf 4. N for n 5. N in n 6. N of n 7. N on n 8. N to n 9. N with n 10. by N 11. from N 12. in N 13. of N 14. to N 15. with N	1. genetics problems/textbooks 2. useful/human/modern/molecular/ genetics 3. genetics to dissect biochemical pathways/get genes/refine the way 4. genetics for high school biology/you/real common disease 5. genetics in those pathways/a moment/obesity/ the news 6. genetics of nicotine receptors/obesity/plants/ cholesterol /variable drug response /the populations 7. genetics on obesity 8. genetics to people 9. genetics with the inner Asian world/ technology/ respect to warfarin 10. by genetics, by population/molecular genetics 11. from your/pure genetics 12. in genetics, in human genetics 13. (knowledge/teaching/history/days /role /problem of) genetics 14. (Welcome back) to useful genetics 15. with population/the genetics	Life
359	<i>chloride</i>	n.	1. det N 2. N n 3. n N 4. N to-inf 5. N by n 6. N from n 7. N in n 8. N into n 9. N on n 10. N to n 11. of N 12. with N	1. the chloride 2. chloride anion/anions/channel/crystal/ions /concentrations/compound/ion/tr ansporter 3. sodium/copper/hydrogen chloride 4. chloride to keep a balance/exit/form a stable 5. chloride by itself 6. chloride from the inside of a cell/reacting with water 7. chloride in water 8. chloride into the body	Life, Phys

				9. chloride on the outside of the cell 10. chloride to reaction with the sil 11. (moles/a solution) of sodium chloride 12. with the chloride	
360	<i>converter</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N from n 7. N in n 8. N of n 9. N with n 10. at N 11. by N 12. of N 13. in N	1. the/a converter 2. converter circuit/circuits 3. boost/buck/buck-boost/power converter 4. small/favorite/interesting/digital/ideal converter 5. converter to improve its efficiency/work in this mode/make a positive voltage 6. converter from first principles 7. converter in discontinuous mode/this class 8. converter of some kind 9. converter with a synchronous rectifier/a diode/ reverse recovery/properties 10. at the converter 11. by the converter 12. (terminals/equations/characteristics) of the converter 13. in the converter	Phys
361	<i>ganglia</i>	n.	1. det N 2. adj N 3. N to-inf 4. N from n 5. N in n 6. N of n 7. N to n 8. in N 9. of N 10. with N	1. those ganglia 2. basal ganglia 3. ganglia to facilitate the expression 4. ganglia from an anatomical perspective 5. ganglia in the adult brain/the normal human brain 6 ganglia of the forebrain/these two cranial nerves 7. ganglia to another/an internal sphincter 8. in the basal ganglia 9. (the level/the location/modulation) of basal ganglia 10. with their/the/these ganglia	Life
362	<i>homer</i>	n.	proper noun, name	proper noun, Homer	Human
363	<i>cranial</i>	adj.	1. ADJ n	1. cranial nerves/lobe/aspect/division/body	Life
364	<i>cortical</i>	adj	1. ADJ n	1. cortical network/regions/plate/areas/layers	Life
365	<i>solar</i>	adj.	1. ADJ n	1. solar technologies/system/day/radiation/wind	Phys
366	<i>horizontal</i>	adj	1. ADJ n	1. horizontal axis/connections/movement/canal	Math/Comp, Phys
367	<i>orbital</i>	adj.	1. ADJ n	1. orbital cortex/sectors/aspects/part/shells/plane	Phys
368	<i>space</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N as n 8. N between n	1. a/the/this space 2. my/woman's space 3. space bar/character/craft/cooking/data/debris/diagram/exploration/mission 4. sample/drug/ground/cubic/disk/drug	Human, Phys

			9. N by n 10. N for n 11. N from n 12. N in n 13. N into n 14. N of n 15. N on n 16. N to n 17. N with n 18. N within n 19. N without n 20. at N 21. for N 22. from N 23. in N 24. out of N 25. with N 26. within N 27. without N	/space 5. deep/European/3-dimensional/blood/ empty/ enough/entire/extra space 6. space to do the other part/agree on the applicable /do some things/be filled/get together 7. space as ordinary people/a courtyard/a location/ their home/an instrument 8. space between the cells/the two points/ the outer membrane/my fingers/them 9. space by functions/excavating the earth 10. space for workshop/more exciting news/ teachers/people to answer/all products 11. space from the eye in question/that angle/the elevated spot/other nations 12. space in the plays/the world/which we can engage/the center/the middle 13. space into pieces/the empty space/an indoor space 14. space of luxury/Asia/the city/heaven/the building/reasons/all possible worlds 15. space on the fringes/his computer/a satellite/ the CD/his computer 16. space to the human body/another point/ each mausoleum 17. space with a pizza/plasters/no door/no decoration/ritual/an altar 18. space within the anterior part/the brain/ the hemisphere 19. space without wall/traveling faster/ necessarily using 20. at the space 21. for space 22. from space 23. in space 24. out of the/stack space 25. with enough space 26. within the space 27. without any space	
		v.	1. V n	1. space them out	
369	<i>calcium</i>	n.	1. det N 2. N n 3. adj N 4. N to-inf 5. N at n 6. N from n 7. N in n 8. N into n 9. N with n 10. by N 11. in N 12. of N 13. with N	1. the calcium 2. calcium carbonate/channel/channels 3. intracellular/high/postsynaptic calcium 4. calcium to enter the cells/flood into the cell 5. calcium at the basal region 6. calcium from one cell/intercellular stores /bones/the myofibrils 7. calcium in the process/that diet/the body /our bodies/the kidney	Life

				8. calcium into cells/the post synaptic cell/ the terminus of the axon 9. calcium with calmodulin 10. by the calcium 11. in calcium 12. (the removal/the influx/the amount/the wave/ the importance) of calcium 13. with more calcium	
370	<i>emperor</i>	n.	1. det N 2. ord N 3. N n 4. adj N 5. N to-inf 6. N as n 7. N in n 8. N of n 9. N on n 10. N with n 11. by N 12. from N 13. of N 14. to N 15. with N	1. the/an emperor 2. first emperor 3. emperor Constantine/Gaozu/Hadrian 4. new emperor 5. emperor to covert to Christianity/ communicate with God/demonstrate plowing 6. emeperor as a lawyer/a design thesis 7. emperor in Japan/Delhi/Innsbruck 8. emperor of Ming/Yuan/the Holy Roman Empire/ 9. emperor on the throne/the other hand 10. emperor with morals/Spanish family 11. by the emperor 12. from the emperor 13. (the power/the palace/the concubine) of the emperor 14. to the emperor 15. with the emperor	Human
371	<i>forth</i>	adv.	1. back and ADV 2. and so ADV	1. back and forth 1. and so forth	Human, Phys
372	<i>lots</i>	n.	1. N of n	1. Lots of women/orders/different forms	Soc
		pron.	1. N of n	1. lots of us/different voices/people/details /different parts/things/praise/different types/	
373	<i>reference</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N by n 8. N for n 9. N in n 10. N into n 11. N of n 12. N to n 13. N with n 14. by N 15. of N 16. in N 17. of N 18. with N	1. a/the reference 2. my reference 3. reference portfolio/test/values/frame/point/ projects/node/signal/database 4. clock/frame reference 5. absolute/another/different/cultural/ reference 6. reference to understand the neuropsychiatric symptoms 7. reference by taking the x coordinate 8. reference for that equation/architectural practice/the next construction 9. reference in the one diagram 10. reference into the plot 11. reference of Earth/Polyphemus/the people 12. reference to the following exits/medicine /it/the Arabian nights 13. reference with his lattice of clocks/new lines of simultaneity 14. by the reference	Phys

				15. (the frame) of reference 16. in my reference 17. (the origin/orientation/pieces/value) of reference 18. with another reference country/a reference/ this reference	
		v.	1. V n 2. V n to n	1. reference these folks/the new World/it 2. reference them to a recent study/them to each other	
374	<i>entropy</i>	n.	1. det N 2. N n 3. N to-inf 4. N as n 5. N at n 6. N for n 7. N of n 8. N with n 9. by N 10. in N 11. of N	1. the/an entropy 2. entropy change 3. entropy to be the logarithm 4. entropy as a function of pressure/a measure of the disorder 5. entropy at a smaller volume/a different pressure /23.8 torr 6. entropy for liquid water/a large volume/ one molecule 7. entropy of liquid water/oxygen/the gas/ the liquid/a molecule/the gas 8. entropy with respect to strain/strain/relative concentrations 9. by zero entropy 10. in the entropy 11. (a measure/the sum/the derivative) of entropy	Phys
375	<i>greek</i>	adj.	1. ADJ n 2. ADJ to n	1. Greek tradition/hero/world/leader/experience 2. Greek to me	Human
		n.	1. det N 2. ord N 3. adj N 4. N by n 5. N for n 6. N of n 7. N to n 8. N with n 9. from N 10. of N 11. in N 12. to N 13. out of N	1. the Greek 2. first Greek 3. ancient/capital/classical/early Greek 4. Greek by that title 5. Greek for goal or end/every individual default 6. Greek of religious festivals/the Polis 7. Greek to them 8. Greek with indigenous culture 9. from Greek, from the Greek 10. (the story/kinds/the form/the blend) of Greek 11. in Greek, in the Greek 12. to the Greek 13. out of classical Greek	
376	<i>wan</i>	v.	V na v = V to-inf [colloquial word for want]	1. wanna dance/do that/talk about/work/ run	Math/Comp, Soc
377	<i>strain</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N as n 6. N by n 7. N for n 8. N in n 9. N of n 10. N on n 11. N to n	1. a strain 2. strain conditions/curve/diagram/energy/ep silon 3. plane/engineering/job/stress/eye strain 4. normal/lateral/shear/true/volumetric/ negative/ residual/elastic/lateral strain 5. strain to write/try to reduce the level	Phys

			12. N with n 13. by N 14. from N 15. in N 16. of N 17. with N	6. strain as delta/being the elongation 6. strain by genetic engineering/just taking the log of that 7. strain for the production of energy/this stress block/very little increase/gauges/ hardening 8. strain in the x direction 9. strain of bacteria/a plant/bacteria 10. strain on his workers/the relation/my joints/ our stress block/the x-axis 11. strain to the other/the longitudinal strain /the engineering stress/a shear stress 12. strain with very little additional force 13. by the strain 14. from job strain 15. in plane sheer strain 16. (units/ratio) of the strain 17. with the strain	
		v.	1. V n 2. V to-inf	1. strain your brain/the same amount 2. strain to make some sense	
378	<i>slightly</i>	adv.	1. ADV adj	1. slightly different/quicker	Math/Comp, Human, Phys
379	<i>dynasties</i>	n.	1. det N 2. num N 3. adj N 4. n N 5. N in n 6. N of n 7. by N 8. from N 9. in N 10. of N	1. the dynasties 2. three/five dynasties 3. northern/previous/former/various dynasties 4. Tang/Jin/Qing dynasties 5. dynasties in Chinese history 6. dynasties of Chinese history/horse warriors/ ancient China 7. by many dynastied 8. from their dynasties 9. in their dynasties 10. (the chronology/many) of the dynasties	Human
380	<i>pathways</i> <i>pathway (236)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N for n 8. N from n 9. N in n 10. N of n 11. N to n 12. at N 13. from N 14. in N 15. of N 16. within N	1. the pathways 2. her pathways 3. pathways principle 4. parallel pathways 5. biochemical/afferent/visual/indirect/different/ corticobulbar/ateral pathways 6. pathways to have time to get going/try to make ideal medium c/understand about 7. pathways for vision/the face/pain/the body 8. pathways from the lateral precentral/the superior colliculus 9. pathways in the brain/this tutorial/the manner /the brainstem /this case 10. pathways of how cells normally grow/the cerebellum / small molecules cancer / exchange information 11. pathways to getting engaged/activation 12. at these pathways 13. from other pathways	Life

				14. in those pathways 15. (steps/energetics/summary/sorts/pairs/tricks) of pathways 16. within the pathways	
381	seesaw	n.	1. det N 2. N n 3. adj N 4. N to-inf 5. N in n 6. N about n 7. N as n 8. N in n 9. N on n 10. N with n 11. by N 12. of N 13. in N 14. of N 15. on N 16. to N 17. with N	1. a/the seesaw 2. seesaw board/rider 3. balanced/rideable seesaw 4. seesaw to support the rider/undergo an angular acceleration 5. seesaw in response/place/a variety of ways 6. seesaw about its pivot 7. seesaw as a facilitator 8. seesaw in place/response 9. seesaw on the rising rider 10. seesaw with a force/one important exception 11. by the seesaw 11. (the image/the sense/images/the acceleration /the side/the balance) of seesaw 12. -(the pivot/some type/the direction) of the seesaw 13. in a seesaw 14. (the riders/the gravity/the direction/the content) of the seesaw 15. on the seesaw 16. to the seesaw 17. with a seesaw	Phys
382	instead	adv.	1. Instead, sentence	1. Instead, a good host is supposed to be.../I'm going to.../you're looking for something	Math/Comp
		conj.	1. CONJ of n	1. Instead of simply trying to .../just tapping the keys/millions of people dying/just dropping my arm	
383	dioxide	n.	1. N n 2. n N 3. N to-inf 4. N from n 5. N in n 6. N into n 7. N out of n 8. N to n	1. carbon dioxide concentration/emissions/ equivalent 2. dioxide gas/molecule/molecules 3. dioxide to reduce their emissions/absorb infrared radiation 4. dioxide from fossil fuels/the atmosphere /biogases /burning fossil fuels 5. dioxide in its atmosphere/our own planet /the atmosphere/the planet/ozone/the atmosphere 6. dioxide into the air/the oceans/the overlying atmosphere 7. dioxide out of the atmosphere 8. dioxide to the first power/carbon monoxide	Phys
384	valence	n.	1. det N 2. N n 3. N for n 4. N of n 5. N to n 6. of N 7. with N	1. a valence 2. valence electrons/shell 3. valence for each atom 4. valence of an atom/punishment/carbon/ a nitrogen atom/each carbon 5. valence to sensory stimuli/these electrons 6. (the sum/knowledge) of the	Phys

				valence 7. with a valence	
385	<i>assume</i> <i>assuming (884)</i>	v.	1. V that- [imperative] / V n 2. V to-inf 3. V n	1. Assume that the values are.../alpha is.. assume that/that X and Y are both discrete/that I call it/there is a God/it's a sentence 2. assume to be finite/discrete 3. assume equal variances version of this analysis/ the differentiability of the inverse function	Math/Comp, Phys, Soc
386	<i>mutant</i>	n.	1. det N 2. N n 3. N over n	1. a/the mutant 2. mutant one/two/three 3. get some mutant over plus/y	Life
		adj.	1. ADJ n 2. ADJ to n 3. ADJ for n 4. ADJ in n	1. mutant organisms/fly/hunt/copy/allele/ 2. mutant to the insecticides 3. mutant for one copy/people 4. mutant in part of its body	
387	<i>gods</i>	n.	1. det N 2. adj N 3. N to-inf 4. N at n 5. N in n 6. N of n 7. N on n 8. by N 9. from N 10. of N 11. to N 12. with N	1. the/these gods 2. Greek/Homeric/Olympian/differen t/ household/ other gods 3. gods to take over/wake up/come/look like horses/ understand the entire effort/to be kind 4. gods at festivals 5. gods in these coming lectures/a certain kind of framework/the Heaven and Earth/ ancient Greek myths 6. gods of the underworld/land and grain/ wind/ the Ethiopians/land 7. gods on King Alkino's realm 8. by the gods 9. from the gods's realm 10. generation/honor/relationships/ho use/ guardians of gods 11. to the gods 12. with the gods	Human
388	<i>subscript</i>	n.	1. det N 2. N n 3. N of n 4. N on n 5. N to n 6. N with n 7. of N 8. in N 9. with N 10. without N	1. a/the subscript 2. subscript test/theta/train 3. subscript of the solid 4. subscript on the epsilon 5. subscript to hi 6. subscript with one subscript 7. (part/one) of the subscript 8. in the subscript 9. with a subscript 10. without a subscript	Math/Comp
389	<i>mindfulness</i>	n.	1. det N 2. N n 3. N to-inf 4. N for n 5. N to n 6. of N 7. on N	1. that mindfulness 2. mindfulness camp/consultant/practice/ session /training 3. mindfulness to help soldiers make better decisions/be component of self-compassion 4. mindfulness for either of these two reasons 5. mindfulness to the quote unquote dark side 6. state/part/tool/topic/benefits/resu	Life

				lt/ benefits/ types/videos/practice/paradox of mindfulness 7. on mindfulness	
390	<i>basal</i>	adj.	1. ADJ n	-basal functions/surfaces/conditions/portio n/side/ region/ganglia	Life
391	<i>gas</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N as n 8. N at n 9. N from n 10. N in n 11. N into n 12. N of n 13. N on n 14. N to n 15. N with n 16. from N 17. by N 18. in N 19. into N 20. of N 21. on N	1. a/the gas 2. our gas 3. gas law/mileage/molecule/particles/ta nk/pedal/ phase/phase reaction/pressure/ 4. entropy gas 5. natural/Russian/Ideal gas 6. gas to power generation/bring the electrons up/make hydrogen chloride gas/ blow up the balloon 7. gas as a fulcrum/the sun/the product/a function / an energy source 8. gas at the bottom of the atmosphere/the same temperature/a fixed temperature 9. gas from the forming disk/a coal-fired power/ biogas/the region around it-gas in this room/the room/that flask/ the air/that row/the atmosphere 10. gas in the room/plasma/the middle of the star 11. gas into the center/the liquid/products/ oxygen gas/number of moles/the cavern/ the atmosphere 12. gas of unknown pressure/some description/the net reactor/hydrogen 13. gas on the left/the right/the grid 14. gas to water/liquid/the entropy of a liquid/ liquid/products/it 15. gas with the blood/a shell/a larger number of moles/the inside wall 16. from the gas 17. by some gas 18. in the gas 19. into the gas 20. (the surface/patterns/a force/the mass) of gas 21. on a gas	Phys
392	<i>volt</i> <i>volts (137)</i>	n.	1. det N 2. num N 3. N n 4. N to-inf 5. N at n 6. N in n 7. N on n 8. N of n 9. at N 10. by N 11. from N	1. a/the volt 2. 600/one volt 3. volt level/intervals 4. volt to represent the voltage value/get good efficiency 5. volt at its positive terminal/the intermediate node 6. volt in the middle of the voltage divider 7. 1 volt on the input 8. a volt of offset 9. at 1 volt 10. by 1 volt 11. from 1 volt	Math/Comp, Phys

393	<i>liquid</i>	adj.	1. ADJ n	1. liquid consonants/soap/security/wastes/water	Phys
		n.	1. det N 2. poss N 3. adj N 4. N at n 5. N as n 6. N from n 7. N in n 8. N into n 9. N on n 10. N over n 11. N with n 12. at N 13. from N 14. of N 15. in N 16. out of N 17. with N	1. the/this liquid 2. its liquid 3. thick/polar liquid 4. liquid at room temperature 5. liquid as a function of the temperature 6. liquid from the tube/the right side 7. liquid in the Charles River/the case/that gas/the syringe 8. liquid into the gas phase 9. liquid on the left side/the two different side 10. liquid over the rostrum 11. liquid with sterile glass beads 12. at the liquid 13. from the liquid 14. (the form/fractions) of some/the liquid 15. in the liquid 16. out of the liquid 17. with the liquid	
394	<i>answer</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N about n 6. N by n 7. N for n 8. N from n 9. N in n 10. N of n 11. N to n 12. N with n 13. by N 14. from N 15. of N 16. to N 17. with N	1. the/an answer 2. his answer 3. answer Locke/session/Meletus 4. great/correct/short/right/immediate answer 5. answer about what the PH should be 6. answer by yourself 7. answer for Bree/Hannah/Jenny 8. answer from their parent/actual students 9. answer in his repertoire/the debrief interview/ Family Leis drawings/the notes below 10. answer of this question/13 11. answer to that question/the problem definition 12. answer with the puzzlement/a grain/ other learners 13. by the answer 14. from the answer 15. (a glimpse/the beginning/the sign/the value) of an/the answer 16. to your answer 17. with answers/an answer	Math/Comp, Phys
		v.	1. V n 2. V to n	1. answer three questions/all the reasons/his one 2. answer to any of those/the instrument of Siena	
395	<i>faster</i>	adj.	1. ADJ n 2. ADJ to-inf 3. ADJ than n 4. ADJ at n/-ing 5. ADJ in n 6. ADJ to n	1. faster sound/algorithms/voltage/CPU/ 2. faster to apply a conditional version 3. faster than this/Bob/they ever have 4. faster at identifying the target word/making the accurate decision 5. faster in being able to go back 6. faster to you	Phys
		adv.	1. v ADV 2. v-link ADV	1. swim/go faster 2. gets/are faster	

396	<i>beethoven</i>	n.	proper noun 1. of N	Beethoven 1. (an account) of Beethoven	Human
397	<i>integral</i> <i>integral (920)</i>	adj.	ADJ n ADJ to-inf ADJ to n ADJ of n	-integral relationship -integral to the urban fabric -integral to shamanistic practices/why collective action is -integral of E dot/theta square	Math/Comp
398	<i>observe</i> <i>observing (765)</i>	v.	1. V n 2. V with n	1. observe an order/that answer/reality/ them 2. observe with our naked eye	Phys
399	<i>gyrus</i>	n.	1. adj N 2. in N	1. postcentral/paracentral/cingulate gyrus 2. in the gyrus	Life
400	<i>point</i>	n.	1. det N 2. poss N 3. adj N 4. N about n 5. N against n 6. N as n 7. N by n 8. N between n 9. N behind n 10. N for n 11. N in n 12. N into n 13. N of n 14. N to n 15. N with n 16. at N 17. by N 18. from N 19. in N 20. of N 21. on N 22. to N 23. with N 24. poss N be that-	1. this/that/a point 2. his point 3. great/important/final/additional/another point 4. point about our oppositions/this peace settlement 5. point against strong AI 6. point as value eight/a peak 7. point by a British politician/a woman/thinking about Socrates 8. point between one level and another 9. point behind me 10. point for patrons 11. point in American consciousness/China/our story 12. point into our format/a calculation/a local minimum 13. point of carving/making/view/this story 14. point to this possible world 15. point with coordinates zero 16. at certain point/at each point/at a point 17. by that point 18. from that/his/the point 19. in this/its point 20. (a big part/a neighborhood/the height/the mounds/the importance) of this point 21. on this/a/that point 22. to the/a point 23. with the/a point 24. My point is that I want to	Math/Comp, Phys
		v.	1. V to n 2. V at n 3. V n out	1. point to a different set/the very guy/the moon/ a couple of references/another building/the world 2. point at objects/the little stems/Virgil 3. point this out	
401	<i>quite</i>	adv.	1. ADV adj 2. ADV adv 3. ADV prep n 4. ADV v	1. quite ready/amazing/clear/wrong/normal/sad 2. quite work/love this 3. quite like you/like Vergil 4. quite get tied up/make a universal law	Human, Life, Phys
402	<i>amplifier</i>	n.	1. det N 2. poss N 3. N n	1. the/an/this amplifier 2. your amplifier 3. amplifier kit	Math/Comp

			4. n N 5. N to-inf 6. N at n 7. N for n 8. N from n 9. N in n 10. N of n 11. N on n 12. N to n 13. N with n 14. from N 15. in N 16. into N 17. on N 18. to N 19. with N	4. power amplifier 5. amplifier to go to the rail 6. amplifier at the output/input 7. amplifier for a bass guitar 8. amplifier from Module 3 9. amplifier in the way 10. amplifier of the variability 11. amplifier on the inside 12. amplifier to the external world 13. amplifier with an internal impedance 14. from the amplifier 15. in the/this/an amplifier 16. into our amplifier 17. on the amplifier 18. to an amplifier 19. with the amplifier	
403	<i>polymerase</i>	n.	1. det N 2. poss N 3. num N 4. n N 5. N to-inf 6. N from n 7. N in n 8. N of n 9. N in n 10. N with n 11. by N 12. from N 13. of N	1. the polymerase 2. Kornberg's/my polymerase 3. one polymerase 4. DNA/RNA polymerase 5. polymerase to actually have the properties /bind/ make mistakes/synthesize DNA off 6. polymerase from binding 7. polymerase in the process 8. polymerase of the cell 9. polymerase in the process of replicating a template 10. polymerase with a three time hydroxyl group 11. by RNA/DNA polymerase 12. from DNA polymerase 13. (the influence/the activity/a picture) of DNA polymerase	Life
404	<i>surface</i>	n.	1. det N 2. N n 3. N to-inf 4. N at n 5. N between n 6. N by n 7. N in n 8. N of n 9. N to n 10. N with n 11. at N 12. by N 13. from N 14. of N 15. in N 16. into N 17. on N 18. out of N 19. under N 20. with N	1. the surface 2. surface support/phenomena 3. surface to price any security/clear it off/support it 4. surface at the Earth's radius/a very steep angle/ a particular point 5. surface between the stage and the auditorium 6. surface by the amount of reflected power/firing in a kiln/dynamic processes 7. surface in the environment/a sand/this positive direction 8. surface of the earth/this vast poem/works/your body/the cave 9. surface to their cells/volume ration 10. surface with high nutrients/the hote glue/a transporter 11. at the surface 12. by the/another surface 13. from the surface 14. (the idea) of the surface 15. in an surface 16. into the surface 17. on the surface 18. out of the surcae 19. under the surface 20. with the surface	Phys
405	<i>enzymes</i>	n.	1. det N 2. adj N 3. N to-inf	1. the/these enzymes 2. inactive/digestive/different enzymes	Life, Phys

	<i>enzyme (217)</i>		4. N in n 5. N with n 6. by N 7. in N 8. of N 9. with N	3. enzymes to fix those diseases/break down the sugars/form acetaldehyde 4. enzymes in the liver/molecular biology/the body 5. enzymes with folate 6. by various/the/digestive enzymes 7. in the enzymes 8. (the basic structure/induction/pages) of the/ these enzymes 9. with the enzymes	
406	<i>robot</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N as n 6. in N 7. of N 8. on N 9. to N	1. a/the/this robot 2. our robot 3. robot reply/model/example/domain 4. typical/bouncing robot 5. robot as a base 6. (the first part/the body) of the robot 7. in our robot 8. on the/your robot 9. to the robot	Math/Comp
407	<i>pressure</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N at n 7. N against n 8. N among n 9. N as n 10. N between pl-n 11. N by n 12. N for n 13. N from n 14. N of n 15. N on n 16. N to n 17. N with n 18. at N 19. by N 20. from N 21. in N 22. on N 23. of N 24. to N 25. under N 26. with N 27. within N	1. the pressure 2. pressure cooker 3. water/group/high-blood/ pressure 4. extreme/equal/built-in/mounting pressure 5. pressure to understand every word/open that up/ cut taxes on the rich/rush a story/help him 6. pressure at the bottom/the lower point/ the waterfront 7. pressure against gravity 8. pressure among individuals in this cohort 9. pressure as a function of the volume/adulst 10. N between 80 and 180 millimeters/the Western and the Eastern 11. pressure by salt restriction/the government 12. pressure for nations/conformity/the Russinas 13. pressure from the Russians/the slumping hillside 14. pressure of the Soviet Union/the large dome/the plague/plague 15. pressure on Syria/the last line/the repression barrier/the strings/basic intuitions/the idea 16. pressure to the killer 17. pressure with the temperature/standard Kelvin /the used car 18. at high pressure 19. by group pressure 20. from blood pressure 21. in blood pressure 22. on the pressure 23. (the distribution/the amount) of the pressure 24. to a pressure 25. under the pressure 26. with pressure/an extreme	Life, Phys

				pressure 27. within the pressure	
		v.	1. V n to-inf	1. pressure the school to accept more balance/ a civil servant to take a bribe	
408	<i>postsynaptic</i>	adj.	1. ADJ n	1. postsynaptic elements/cell/process/neuron	Life
409	<i>problem</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N about n 8. N against n 9. N as n 10. N by n 11. N behind n 12. N between pl-n 13. N for n 14. N of n 15. N in n 16. N to n 17. N with n 18. from N 19. in N 20. of N 21. with N 22. without N 23. the N be that-	1. that problem 2. our/your problem 3. problem definition 4. body/drug/family/science problem 5. another/basic/hard/main/semantic/ peculiar/ same problem 6. problem to worry about/solve/disappear/tackle 7. problem about how Descartes could ever be entitled/subjective experience/offering a theory of knowledge 8. problem against it 9. problem as a global problem/a consequence of difficulty 10. problem by creating a circuit rider system/ making my buffer bigger/having a third method 11. problem behind all these examples 12. problem between now and these telescopes 13. problem for probabilistic approaches 14. problem of consciousness/explaining 15. problem in global history/the family/ Kashmir/any domain/answering that question 16. problems to you/humanity/this community 17. problem with suggestion/this argument/ the test 18. from that/this/the problem 19. in that/this problem 20. (a clear definition/the scale/the importance) of the/our/your problem 21. with this/a big/that problem 22. without any problem 23. The problem is that fission is...	Math/Comp, Soc
410	<i>beam</i>	n.	1. det N 2. n N 3. adj N 4. N to-inf 5. N at n 6. N against n 7. N between n 8. N in n 9. N for n 10. N of n 11. N in n 12. N into n 13. N on n 14. N with n 15. by N 16. from N 17. into N	1. the/a beam 2. stone/crescent/tie/rafter beam 3. main/slanting beam 4. beam to support/go up/hit Bob's front clock 5. beam at the velocity of light/any point 6. beam against the ether wind 7. beam between them 8. beam in the front/the back/the main hall 9. beam for connection 10. beam of light 11. beam in an enormous playground 12. beam into the ether wind 13. beam on a whole/the stone sundial	Phys

			18. of N 19. on N 20. to N 21. with N	14. beam with a special name 15. by a beam 16. from the beam 17. into the beam 18. (the speed/the length/the width) of the beam 19. on the beam 20. to the beam 21. with a/the/less beam	
		v.	1. V from n 2. V out n	1. beam from his university 2. beam out these vibes	
411	<i>index</i>	n.	1. det N 2. adj N 3. N n 4. n N 5. N to-inf 6. N as n 7. N by n 8. N for n 9. N in n 10. N on n 11. N over n 12. N to n 13. N with N 14. by N 15. from N 16. on N 17. out of N 18. with N	1. the/an/this index 2. single/new/important/middle index 3. index warn 4. development/democracy index 5. index to go through the loop 6. index as its own entry/the previously stored key 7. index by providing a way to produce.../finding all the words on that page 8. index for all crops/over 120 working age males 9. index in a book/the list/the hash table 10. index on a separate webpage 11. index over fraction 12. index to the empty list/the variables of this operator/discovering 13. index with five components/a certain number of names 14. by an/my index 15. from that index 16. on the/this/an index 17. out of the index 18. with the index	Math/Comp, Soc
		v.	1. V n from n	1. index it from 0	
412	<i>triangle</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N as n 7. N at n 8. N for n 9. N from n 10. N of n 11. N in n 12. N on n 13. N with n 14. from N 15. in N 16. into N 17. of N 18. under N 19. with N 20. within N	1. a triangle 2. our triangle 3. vowel triangle 4. equilateral triangle 5. triangle to fill in so 6. triangle as the good guy/the approximation 7. triangle at those point triangle to the right of government tax revenue 8. triangle for her 9. triangle from that 10. triangle of destiny/dots/reality/area 11. triangle in the square/dark orange 12. triangle on the ground/our diagram/the equator of this molecule 13. triangle with an angle/area 59/three pieces 14. from that triangle 15. in that triangle 16. into our triangle 17. (tow sides/the base/the area/three legs) of this/ the/our	Math/Comp

				triangle 18. under this triangle 19. with the triangle 20. within the triangle	
413	<i>medulla</i>	n.	1. det N 2. adj N 3. N for n 4. N from n 5. N in n 6. N of n 7. N to n 8. N with n 9. at N 10. from N 11. in N 12. into N 13. of N 14. to N 15. within N	1. the medulla 2. upper medulla 3. medulla for the concentration of urine 4. medulla from the juxtamedullary nephron 5. medulla in the model/caudal 6. medulla of the brain/kidney 7. medulla to the thalamus 8. medulla with the outgrowth of the second order axon 9. at the medulla 10. from the medulla 11. in the medulla 12. into the medulla 13. (the part/the lateral aspect/the caudal level) of the medulla 14. to the medulla 15. within the medulla	Life
414	<i>log</i>	n.	1. det N 2. N n 3. adj N 4. N to-inf 5. N as n 6. N at n 7. N in n 8. N of n 9. N to n 10. by N 11. of N 12. in N 13. on N 14. to N 15. with N	1. the/a log 2. log scale 3. peeled/huge/hollow/several/negative/natural/ inverse log 4. log to transform this 5. log as the answer 6. log at 1/5 7. log in the middle of the interval 8. log of a bigger number/its activity/the hydrogen /the concentration/the rate 9. log to both sides of this 10. by the log 11. (the front/the limit/the infinity) of the log 12. in the log 13. on a log 14. to approximate/a hollow log 15. with the log	Math/Comp
		v.	1. V into n 2. V onto n 3. V in to n	1. log into my account 2. log on to your account 3. log in to the course	
415	<i>coordinates</i> <i>coordinate (868)</i>	n.	1. det N 2. poss N 3. adj N 4. N to-inf 5. N at n 6. N about n 7. N between n 8. N for n 9. N in n 10. N of n 11. N on n 12. by N 13. in N 14. into N 15. to N 16. with N	1. the coordinates 2. Alice's/his coordinates 3. special coordinates 4. coordinates to describe the location of a coin/ express it/write this vector 5. coordinates at center 6. coordinates about 0.577 7. coordinates between two things 8. coordinates for the well/a point/that event 9. coordinates in Alice's system 10. coordinates of music/this point/that clock 11. coordinates on that tree/one side 12. by coordinates 13. in his/polar coordinates 14. into different coordinates 15. to any coordinates 16. with polar coordinates	Math/Comp, Phys

		v.	1. V n	1. coordinate their behavior/activities	
416	<i>user</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N to-inf 6. N at n 7. N in n 8. N from n 9. N of n 10. N on n 11. N with n 12. by N 13. from N 14. in N 15. into N 16. of N 17. to N 18. with N	1. a/the user 2. your/our user 3. user needs/journey/testing/tests/task/studies/ population 4. chronic/particular/different/single/final user user of the second test 5. user to be successful/get the appropriate permissions 6. user at the time 7. user in California/your system 8. user from each individual piece of data/this 9. user of the results/your second test/your programs/a website 10. user on this account/the website 11. user with the CS50 library 12. by the user 13. from the user 14. in a user 15. into a user 16. (portion/audio/the internet/the problem/the speed/the rest) of the user 17. to the/a user 18. with the/our user	Math/Comp, Human
417	<i>molecular</i>	adj	1. ADJ n	1. molecular changes/basis/process/spectra/pieces	Life, Phys
418	<i>bunch</i>	n.	1. det N 2. adj N 3. N about n 4. N for n 5. N of n	1. a bunch 2. whole bunch 3. a bunch about machine learning 4. a bunch for designing things on the screen/ coming 5. a bunch of people/MIT/birds/money/trees / words /other books/properties *.a bunch of n	Math/Comp
		v.	1. V up n	1. bunch up the cheeks	
419	<i>hash</i>	n.	1. det N 2. poss N 3. N n 4. N of n 5. from N	1. the hash 2. our/my hash 3. hash function/table/marks/value/symbol 4. a hash of the genome/that 5. from the hash	Math/Comp
420	<i>matrices</i>	n	1. det N 2. num N 3. poss N 4. n N 5. adj N 6. N of n 7. of N 8. on N	1. the/these matrices 2. four matrices 3. our/my matrices 4. covariance/identity/parameter/rotation matrices 5. optimal/square/bigger/complex matrices 6. matrices of a specific dimension/the same dimension 7. (the power/special cases) of matrices 8. on matrices	Math/Comp
421	<i>thinking</i>	v.	1. V about n 2. V to n 3. V of n	1. thinking about this/you/it 2. thinking to ourselves 3. thinking of someone	Human, Soc

		n.	1. det N 2. poss N 3. N n 4. adj N 5. N to-inf 6. N about n 7. N at n 8. N behind n 9. N for n 10. N in n 11. N of n 12. N on n 13. N towards n 14. N with n 15. from N 16. in N 17. of N 18. with N	1. the thinking 2. our/my thinking 3. thinking machine 4. free/procedural/careful/mathematical thinking 5. thinking to understand how something happens/ help guide the memory management 6. thinking about the limits of human life/marriage /religion/the bigger picture 7. thinking at this point/this level 8. thinking behind the development of the Assyrian Emire 9. thinking for youthats/that entire page 10. thinking in their actions/preparing for the course 11. thinking of a convention center/this auditory experience/a perfect 3D printer/myself 12. thinking on my side/some of these matters/ religion 13. thinking towards scientific thinking 14. thinking with models/new age/one another 15. from religious thinking 16. in our thinking 17. (the stage/the epitome/the concept) of (your) thinking 18. with this thinking	
422	neurotransmitter	n.	1. det N 2. poss N 3. N n 4. adj N 5. N to-inf 6. N at n 7. N for n 8. N from n 9. N in n 10. N into n 11. N of n 12. N on n 13. N to n 14. by N 15. of N 16. with N	1. a/that/the neurotransmitter 2. its neurotransmitter 3. neurotransmitter system 4. chemical/same/existing neurotransmitter 5. neurotransmitter to discuss/fuse with the plasma membrane 6. neurotransmitter at that synaptic terminal 7. neurotransmitter for the parasympathetic system 8. neurotransmitter from the receptors 9. neurotransmitter in the brain/the synapses 10. neurotransmitter into the synaptic cleft 11. neurotransmitter of our somatic motor neurons 12. neurotransmitter on the globus pallidus 13. neurotransmitter to its receptor/that receptor 14. by a neurotransmitter 15. (a high concentration/the binding/the release) of the/a neurotransmitter 16. with their/that neurotransmitter	Life
423	move moves (742)	v.	1. 2. V n 3. V into n 4. V to n	1. move 2. move a man/my arm/my mouth/the ball/ my hand/a step 3. move into Europe/your first	Phys

			5. V from n 6. V through n 7. V toward n 8. V between pl-n 9. V n to n 10. V n into n 11. V out of n	section/the 60s/the real realm/Southeast Asia 4. move to Estonia/Indonesia/the well/ a new level/separate sides of the room 5. move from the Bronze Age/the Germanic space 6. move through different keys/the world/ our sample song 7. move toward the conclusion 8. move between different corals/these capitals 9. move it to the Americas/it to the medieval period/one step to the right 10. move one section into another section 11. move out of the world/the urban context	
		n.	1. det N 2. poss N 3. n N 4. adj N 5. N about n 6. N against n 7. N between n 8. N from n 9. N for n 10. N in n 11. N into n 12. N of n 13. N to n 14. N toward n 15. N with n 16. of N 17. on N 18. with N	1. the/this move 2. your/their move 3. instruction move 4. final/typical/every/natural /certain move 5. move about marriage 6. move against this 7. move between countries 8. move from page/the first box 9. move for the internalist 10. move in the direction 11. move into the marshes 12. move of my hand/doing the right 13. move to the right/the left 14. move towards the growth of larger confederations/ global themes 15. move with the flow/them/ease/furniture 16. (part/the object/pieces/the effects) of the move 17. on the move 18. with my move	
424	<i>chord</i>	n.	1. det N 2. N n 3. adj N 4. N at n 5. N for n 6. N in n 7. N of n 8. N on n 9. N with n 10. from N 11. of N 12. on N 13. with N	1. the/this chord 2. chord chart 3. magical chord 4. chord at the beginning/the end 5. chord for disruption/ the first four bars/two bars 6. chord in this case/the later session/music 7. chord of the scale 8. chord on the fourth degree/the dominant 9. chord with it 10. from N 11. (the definition/the basis/the root) of a/the chord 12. on a chord 13. with a chord	Human
425	<i>pixel</i>	n.	1. det N 2. ord N 3. adj N 4. N to-inf 5. N from n 6. N in n 7. N of n	1. a/the/this pixel 2. first pixel 3. particular/left/different pixel 4. pixel to appear yellow/be gray 5. pixel from any conceivable telescope/the other image 6. pixel in the image/the left image	Math/Comp

			8. N with n 9. for N 10. from N 11. in N 12. of N 13. out of N	7. pixel of our best detector/an image 8. pixel with slightly different sensitivity 9. for each pixel 10. from that pixel 11. in one pixel 12. (the color) of this pixel 13. out of the pixel	
426	<i>essentially</i>	adv.	1. v-link ADV n 2. v-link ADV adj 3. ADV v 4. ADV adj 4. ADV, sentence...	1. These are essentially laws of nature/It was essentially behavioral science/it's still essentially chronological story 2. that sign is essentially the same as spoken language/that was essentially democratic 3. essentially decided to scrap this navy 4. essentially agricultural/connected with a single point 4. Essentially, they're like flying animals/it's saying that...	Math/Comp, Phys
427	<i>sorts</i>	n.	1. det N 2. adj N 3. N to-inf 4. N of n 5. by N 6. in N 7. from N 8. of N 9. to N 10. with N	1. these/those sorts 2. certain sorts 3. sorts to make meaning in our lives/evaluate the level of output/spend out these spams 4. sorts of things/stuff/services/creatures/walks 5. by all sorts 6. in all sorts 7. from all sort * . all sorts of n 8. (popularity/monsters/a sense/books) of all sorts 9. to those sorts 10. with all sorts	Life, Soc
		v.	1. V out n 2. V n by n 3. V n into n	1. sorts itself out 2. sorts the node by their value 3. sorts your photos into categories	
428	<i>machine</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N behind n 7. N for n 8. N from n 9. N of n 10. N in n 11. N on n 12. N with n 13. at N 14. by N 15. in N 16. into N 17. of N 18. on N 19. with N 20. within N	1. that/this machine 2. your machine 3. coffee/thinking/sewing/time machine 4. mental/ machine 5. machine to put apart cotton/compute a function /study aggression per sec/illuminate a panel reading 6. machine behind me 7. machine for living/distributing music/your home 8. machine from VirtualBox window 9. machine of a pipeline/bureaucracy 10. machine in the corner/Homer/Windows 11. machine on your system/a car 12. machine with a turbaned automation/a kernel 13. at each machine 14. by a/any machine 15. in a machine 16. into a machine 17. (a picture/control/the performance) of the /a/ your machine 18. on a machine	Math/Comp, Human

				19. with a/the machine 20. within a/the machine	
429	<i>website</i>	n.	1. det N 2. poss N 3. N n 3. n N 4. adj N 5. N to-inf 6. N at n 7. N about n 8. N as n 9. N by n 10. N for n 11. N in n 12. N of n 13. N on n 14. N with n 15. from N 16. in N 17. on N 18. to N 19. with N	1. this/a/the website 2. our website 3. website optimization 3. travel/course website 4. great/new website 5. website to book the flights/fill out the form/ donate/look out 6. website at the link 7. website about the Churchlands/itself 8. website as a way 9. website by the institute 10. website for this assignment/more information/ the schedule/this camp 11. website in the reference/China 12. website of our friends/decent size/a good colleague of mine 13. website on an iPhone/some unknown computer 14. website with minor changes/handwritten manuscripts/recipes 15. from the website 16. in his/the website 17. on the/this/our website 18. to any/a website 19. with the website	Soc
430	<i>syntax</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N at n 8. N by n 9. N for n 10. N in n 11. N of n 12. N to n 13. of N 14. on N 15. with N	1. the syntax 2. their syntax 3. syntax errors 4. space syntax 5. little/limited syntax 6. syntax to accomplish different things/declare or define an object 7. syntax at our disposal 8. syntax by itself 9. syntax for music/the slope function/dictionaries/ calling a function 10. syntax in HTML/another/the following way 11. syntax of a sentence/this language/the text 12. syntax to the world's languages 13. (a piece/the rule/the acquisition) of your/the syntax 14. on the/that syntax 15. with this syntax	Math/Comp
431	<i>rectangle</i>	n.	1. det N 2. adj N 3. N to-inf 4. N against 5. N from n 6. N in n 7. N of n 8. N on n	1. a/the rectangle 2. same/invisible/black/big/small rectangle 3. rectangle to have uniqueness 4. rectangle against itself 5. rectangle from the picture 6. rectangle in the tree/my skyscraper picture/the plane	Math/Comp

			9. N with n 10. by N 11. in N 12. with N	7. rectangle of height/width/the form 8. rectangle on the right side 9. rectangle with that same area/one edge 10. by b/this rectangle 11. in the same/the rectangle 12. with a/the/this rectangle	
432	<i>choose</i>	v.	1. V n 2. V to-inf 3. V between n-pl 4. V from n	1. choose the path/Europe/female hormones/him 2. choose to live in a small town/opne my mouth 3. choose between concepts 4. choose from this	Math/Comp
433	<i>ball</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N at n 7. N by n 8. N for n 9. N from n 10. N between n 11. N in n 12. N into n 13. N of n 14. N on n 15. N to n 16. N with n 17. by N 18. from N 19. in N 20. into N 21. of N 22. on N 23. to N 24. with N	1. the/a ball 2. ball games/courts/players 4. stone/tennis/cannon ball 4. wrecking/round/ivory/tennis ball 5. ball to pick/hit the ground 6. ball at 100 kilometers per hour/point four seconds 7. ball by Newton/themselves 8. ball for period three/you 9. ball from his hand/that set 10. ball between each other/ 4 and 6 seconds 11. ball in the net/the next period/the crate 12. ball into the hoops 13. ball of the same color/cells/fat/the foot/ different colors 14. ball on a tee/the bottom of a bow/the table/ the sidewalk 15. ball to me/them/the head 16. ball with an upward initial velocity 17. by the/a ball 18. from this ball 19. in a ball 20. into this ball 21. (the velocity/the motion/the end/top/the mass) of the/that ball 22. on the ball 23. to the ball 24. with this ball	Phys
434	<i>into</i>	prep	1. v PREP n 2. v n PREP n	1. get into trouble/jump into adifferent part/dig into the story/walk into the picture 2. follow Odysseus into the underworld/turn them into some other kind of creature/taking justice into your hands/introduces realism into fantasy/ turning Athens into a maritime power/putting rituals into place	Human, Life, Phys
435	<i>ionic</i>	adj.	1. adj N	1. iconic philosopher/picturing/figures/jumper/ form/buildings	Life, Phys
436	<i>takes</i>	v.	1. V n 2. it V n to-inf 3. V n to-inf	1. takes a picture/those ideas/a step 2. it takes five generations to work 3. takes lots of work to do it	Math/Comp
		n.	1. adj N	-continous takes	
437	<i>genetic</i>	adj.	1. ADJ n	1. genetic resources/biology/responses/	Life

				DNA/code	
438	<i>hypothalamus</i>	n.	1. det N 2. N to-inf 3. N from n 4. N in n 5. N to n 6. at N 7. by N 8. from N 9. in N 10. into N 11. of N 12. to N 13. with N 14. within N	1. the hypothalamus 2. hypothalamus to secrete our CRH/govern the levels of CRH 3. N from the skin/an area 4. N in the feeding system/different axes 5. hypothalamus to face/the anterior pituitary/the pituitary axis 6. at the hypothalamus 7. by the hypothalamus 8. from the hypothalamus 9. in the hypothalamus 10. into the hypothalamus 11. (the level/the role/lateral axis/medial zone) of the hypothalamus 12. to the hypothalamus 13. with a hypothalamus 14. within a hypothalamus	Life
439	<i>cerebral</i>	adj.	1. ADJ n 2. ADJ about n	1. cerebral cortex/peduncles/aqueduct/hemisphere 2. cerebral about Istanbul	Life
440	<i>courtyard</i>	n.	1. det N 2. N n 3. adj N 4. N to-inf 5. N at n 6. N as n 7. N for n 8. N of n 9. N in n 10. N with n 11. from N 12. in N 13. into N 14. of N 15. on N 16. with N	1. the/this courtyard 2. courtyard houses 3. big/main/inner/long/square courtyard 4. courtyard to increase the living space 5. courtyard at Innocent VII level 6. courtyard as the center 7. courtyard for banquets/better ventilation 8. courtyard of his house/Odysseus' house 9. courtyard in a village/these residences 10. courtyard with arches/a main house/high walls 11. from the courtyard 12. in the courtyard 13. into the courtyard 14. (the place/the center/the facades/the size) of the courtyard 15. on the courtyard 16. with a/this courtyard	Human
441	<i>towards</i>	prep	1. n PREP n 2. v PREP n	1. attitudes towards these gods/moment towards the end of 16 th century 2. moving towards some specific end point/takes notes towards the stories/looking towards the Africans/	Life, Phys
442	<i>bond</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N between pl-n 6. N in n 7. N on n 8. N to n 9. N with n 10. from N 11. in N	1. a/the bond 2. her bond 3. film bond 4. emotional/sonic bond 5. bond between a mother and a daughter/ vowels 6. bond in this location/this molecule/the products 7. bond on the right/this end/one side 8. bond to China/his daughter	Phys

			12. of N 13. on N 14. with N	9. bond with her child 10. from that/the bond 11. in the bond 12. (the variance/the number/space/the strength/ the life) of the bond 13. on the/each bond 14. with a/this bond	
		v.	1. V with n 2. V to n	1. bond with music/performers/you 2. bond to the global wall	
443	<i>ratio</i>	n.	1. det N 2. n N 3. adj N 4. N to-inf 5. N about n 6. N as n 7. N between pl-n 8. N by n 9. N in n 10. N of n 11. N to n 12. N with n 13. by N 14. in N 15. on N 16. to N 17. with N	1. the/this ratio 2. conversation/minimum/equity/price ratio 3. interesting/controlled ratio 4. ratio to step the voltage down/compensate for that/go down 5. ratio about this hall 6. ratio as a minimum acceptable level 7. ratio between the numbers of nitrogen/carbon and hydrogen/these two equations 8. ratio by blue/mass 9. ratio in your own country/a modern sample/that situation 10. ratio of the length/the width 11. ratio to the mass/the carbon-14 12. ratio with the lateral strain/the negative ratio 13. by that ratio 14. in that/a ratio 15. on the ratio 16. to one ratio 17. with the ratio	Math/Comp, Phys
444	<i>voltages</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N at n 7. N as n 8. N between n 9. N for n 10. N in n 11. N of n 12. N on n 13. N to n 14. N with n 15. at N 16. from N 17. of N 18. on N 19. with N	1. the/those voltages 2. its voltages 3. output/line voltages 4. low/high/different/various voltages 5. voltages to differ substantially 6. voltages at every single place/every node/at various points 7. voltages as output/our step four 8. voltages between some minimum and some maximum value/0 and 1.5 volts 9. voltages for any loop 10. voltages in a loop/this loop/the circuit 11. voltages of the remaining node 12. voltages on a circuit/the circuit 13. voltages to some material/it 14. voltages with the switch -at low/high voltages -from the/those voltages -(the sum) of the voltages -on the/those voltages -with breakdown voltages/just voltage -	Math/Comp
445	<i>pons</i>	n.	1. det N 2. adj N 3. N at n 4. N as n	1. the pons 2. caudal/mid/upper pons 3. pons at the level of the trigeminal nerve	Life

			5. N in n 6. N into n 7. N for n 8. N to n 9. from N 10. in N 11. into N 12. of N 13. out of N 14. to N 15. with N	4. pons as an important pathway 5. pons in this location 6. pons into the contralateral cerebellum 7. pons for horizontal movement 8. pons to cerebellum/medulla 9. from the pons 10. in the pons 11. into the pons 12. (the junction/features/the base/the fibers/the middle) of pons 13. out of the pons 14. to the pons 15. with the pons	
446	<i>derivatives</i>	n.	1. det N 2. adj N 3. N to-inf 4. N in n 5. N with n 6. in N 7. of N 8. with N	1. the derivatives 2. various/partial/complex/financial derivatives 3. derivatives to calculate limits/exist/sell them/ find conditional PDF 4. derivatives in calculus/the first place/it 5. in the derivatives 6. derivatives with respect to strain 7. (the matrix/the property/the sum/a vector) of the/these derivatives 8. with partial derivatives	Math/Comp
447	<i>bits</i>	n.	1. det N 2. adj N 3. n N 4. N to-inf 5. N about n 6. N as n 7. N at n 8. N in n 9. N into n 10. N on n 11. N of n 12. N to n 13. N with n 14. at N 15. by N 16. from N 17. in N 18. of N 19. with N	1. these/the bits 2. original/horizontal/small/nasty/basic bits 3. tile bits 4. bits to completely encode all possible instructions/really keep going/represent a floating point five/make a byte 5. bits about other things 6. bits as zeros 7. bits at the right of it 8. bits in a pile/a byte/a row/computing 9. bits into lighter things 10. bits on a wire/the screen 11. bits of paper/matter/copper/chalk/paint 12. bits to the experiments 13. bits with something called qubits 14. at two bits/individual bits 15. by instruction bits 16. from the/informal/other bits 17. in two/some/small bits 18. (sets/clusters/a group/a sequence) of these bits 19. with four/32 / 8 /real bits	Math/Comp, Phys
448	<i>posterior</i>	adj.	1. ADJ n 2. ADJ of n 3. ADJ in n 4. ADJ to n	1. posterior cap/direction/aspect/parts/pituitary/ distribution 2. posterior of the medial part 3. posterior in its extent 4. posterior to the central sulcus/that precentral gyrus/this figure/it	Math/Comp, Life
		n.	1. det N 2. poss N 3. N in n	1. the/this posterior 2. our posterior 3. posterior in the brain/its extent/a	

			4. N of n 5. N to n 6. from N 7. in N 8. of N 9. with N	single number 4. posterior of Theta/the parameter vector 5. posterior to interior/the cranium/the optic chiasm /our primary somatc sensory region 6. from the posterior 7. in the posterior 8. (the peak/the calculation/the form/the logarithm) of the posterior 9. with a posterior	
449	<i>tranche</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N in n 7. N of n 8. N to n 9. N with n 10. by N 11. in N 12. of N	1. the/this tranche 2. tranche loss 3. equity/mezzanine tranche 4. senior/risky tranche 5. tranche to incur losses 6. tranche in the CDO 7. tranche of the debt/an ABS 8. tranche to the protection buyer 9. tranche with a lower attachment point of 0/ 10. by the tranche 11. in the tranche 12. (50%/the fair value/the notional) of the tranche	Soc
450	<i>tick</i>	n.	1. det N 2. num N 3. N n 4. n N 5. N by n 6. N on n 7. N of n 8. in N 9. of N	1. the tick 2. one tick 3. tick mark/marks/box 4. movie/clock tick 5. tick by definition 6. tick on the stationary clock/the moving clock 7. tick of the moving clock/Bob's clock/each clock 8. in one tick 9. (the duration/the probability) of the tick	Phys
		v.	1. V n 2. V off	1. tick this/group 5/marks 2. tick off	
451	<i>orbitals</i>	n.	1. det N 2. n N 3. adj N 4. N to-inf 5. N as n 6. N at n 7. N in n 8. N on n 9. N of n 10. from N 11. in N 12. of N	1. these/those orbitals 2. D type/energy/electron orbitals 3. atomic/familiar/ orbitals 4. orbitals to make three equivalent 5. orbitals as crude lines 6. orbitals at the 3d sublevel 7. orbitals in the excited state/general chemistry 8. orbitals on either side 9. orbitals of similar type/the atoms 10. from the orbitals 11. in the orbitals 12. (the shapes/the orientation) of those orbitals	Phys
452	<i>vertical</i>	adj.	1. ADJ n 2. ADJ as n	1. vertical sides/translates/line/growth/cliff/axis 2. vertical as a phase line	Math/Comp, Phys
		n.	1. det N	1. the vertical	
453	<i>built</i>	v.	1. V n 2. be V [passive] 3. (v-link) V into n 4. (v-link) V to-inf 5. (v-link) V for n 6. (v-link) V upon n 7. (v-link) V with n	1. built a building/a special box/twenty more stores/ the revolving archive/a harbor 2. was built 3. was built into a long list of proper names/the idea of pietas 4. is built to	Human

				<p>calm/commemorate/control/ help/ defend /honor</p> <p>5. (was/is) built for performances of magic/the construction of statue pedestals/the convenience of life</p> <p>6. (was/is) built upon rigid historical structure of inequality/the control of bronze ritual objects</p> <p>7. built with all the elements/special material</p>	
454	<i>greeks</i>	n.	<p>1. det N</p> <p>2. adj N</p> <p>3. N at n</p> <p>4. N for n</p> <p>5. N from n</p> <p>6. N in n</p> <p>7. N on n</p> <p>8. N of n</p> <p>9. N to n</p> <p>10. by N</p> <p>11. from N</p> <p>12. of N</p> <p>13. to N</p> <p>14. with N</p>	<p>1. the Greeks</p> <p>2. certain/ancient/historical Greeks</p> <p>3. Greeks at Troy/a certain specific eriod</p> <p>4. Greeks for Helen/the defeat</p> <p>5. Greeks from models</p> <p>6. Greeks in mythc times/Elucid/Greece/this module/mainland Greece</p> <p>7. Greeks on the legacy</p> <p>8. Greeks of the urban culture</p> <p>9. Greeks to correlation</p> <p>10. by the Greeks</p> <p>11. from the Greeks</p> <p>12. (enemies/stories/marbles/the concepts) of the Greeks</p> <p>13. to the Greeks</p> <p>14. with the/these Greeks</p>	Human
455	<i>lines</i> <i>line (165)</i>	n.	<p>1. det N</p> <p>2. num N</p> <p>3. n N</p> <p>4. adj N</p> <p>5. N to-inf</p> <p>6. N as n</p> <p>7. N at n</p> <p>8. N between n</p> <p>9. N by n</p> <p>10. N for n</p> <p>11. N from n</p> <p>12. N in n</p> <p>13. N into n</p> <p>14. N on n</p> <p>15. N of n</p> <p>16. N with n</p> <p>17. N to n</p> <p>18. by N</p> <p>19. from N</p> <p>20. in N</p> <p>21. into N</p> <p>22. of N</p> <p>23. on N</p> <p>24. with N</p> <p>25. within N</p>	<p>1. these/the/those lines</p> <p>2. two/three/200 lines</p> <p>3. axis/bottom/length lines</p> <p>4. independent/half/individual/intere sting/ curved /short/next/heavy lines</p> <p>5. lines to stop motion/create a section/make the bonds/do some thinking/draw my graph</p> <p>6. lines as one organizational principle/new international borders/the intuitive meaning</p> <p>7. lines at the end of book one</p> <p>8. lines between the carbons</p> <p>9. lines by itself</p> <p>10. lines for producing bricks/light beams/ hydrogen</p> <p>11. lines from the star itself/cells/the prologue</p> <p>12. lines in the paer/the verse/their books/the spectrum/this course/this graph</p> <p>13. lines into a solitary percept/an equation</p> <p>14. lines on this plot/it/this map/the screen/a space</p> <p>15. lines of the Odyssey/communication/book/the border</p> <p>16. lines with a double appeal/Death/Harry</p> <p>17. lines to the borders/the boundaries/</p> <p>18. by blue/labeled/these lines</p> <p>19. from the lines</p> <p>20. in those/red/the/straight lines</p> <p>21. into parallel lines</p>	Math/Comp, Human, Phys

				22. (the notion/the rhythms/the form/the end) of the/your lines 23. on the/straight lines 24. with the lines 25. within the lines	
		v.	1. V up 2. V n	1. lines up 2. lines the nsal passage/our body surface	
456	<i>starts</i>	v.	1. V with n 2. V n 3. V to-inf 4. V n/-ing 5. V as n 6. V from n	1. starts with 12 noon/a lilting piano accompaniment/Achilles 2. starts a beat/a huge expedition 3. starts to find/come/repeat/ask/build/get 4. starts exploring/forming/thinking/killing /fighting/accusing/referring 5. starts as Buddhists/Hindu/a short story writer 6. starts from a theoretical premise	Math/Comp, Human, Phys
		n.	1. poss N 2. adj N 3. N to-inf 4. N at n 5. N with n 6. N to n	1. its starts 2. false/simmering/several starts 3. starts to dawn on you 4. starts at a point 5. starts with a left paren 6. starts to life on this planet	
457	<i>motion</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N at n 7. N between n 8. N for n 9. N from n 10. N in n 11. N on n 12. N of n 13. N toward n 14. N to n 15. N with n 16. by N 17. from N 18. in N 19. of N 20. to N 21. with N	1. a/the motion 2. motion picture 3. parallel motion 4. constant/molecular/unbalanced/contrary / planetary motion 5. motion to provide power/represent herself/do that 6. motion at my lower back/this point 7. motion between these two groups/them 8. motion for the dynamics/the system/the identity theory/military service 9. motion from the x direction/a car 10. motion in this direction/these images/a pentatonic scale/bumper cars 11. motion on the bumper car/the line of sight 12. motion of the hand/the planets/her ship 13. motion toward tonic subdominant/Alice 14. motion to surfaces/an observer/that state/the left 15. motion with respect to each other/the left 16. by the motion 17. from any motion 18. in slow/relative motion 19. (the issue/the benefit/an example/the component) of this/the motion 20. to downward motion 21. with the motion	Phys
458	<i>muscles</i>	n.	1. det N 2. poss N 3. adj N 4. N to-inf	1. the/these muscles 2. their/his/our/your muscles 3. extra/different/skeletal/smooth muscles	Life

			5. N between n 6. N behind n 7. N for n 8. N from n 9. N in n 10. N on n 11. N of n 12. from N 13. in N 14. into N 15. of N 16. to N 17. with N 18. within N	4. muscles to work together/make your hand do that/cause them to happen/move/contract 5. muscles between the ribs 6. muscles behind the shoulder blade 7. muscles for one detail 8. muscles from the quadriceps 9. muscles in your foot/your arm/the orbit 10. muscles on both sides/your leg/that very same limb 11. muscles of the tongue/facial expression/our beasts 12. from the muscles- 13. in the/eye muscles 14. from the muscles 15. (inflammation/the proteins/the output) of the/our muscles 16. to the muscles 17. with the muscles 18. within the muscles	
459	<i>ventricle</i>	n.	1. det N 2. adj N 3. N to-inf 4. N from n 5. N in n 6. N into n 7. N on n 8. N with n 9. N to n 10. from N 11. in N 12. into N 13. of N 14. on N 15. to N 16. within N	1. the ventricle 2. right/left ventricle 3. ventricle to supply the upper and lower banks 4. ventricle from the medial edge 5. ventricle in the cranial aspect of the heart 6. ventricle into the temporal lobe/the atrial 7. ventricle on the right side 8. ventricle with the sensory systems 9. ventricle to the lung/the third ventricle 10. from the ventricle 11. in the ventricle 12. into the ventricle 13. (the volume/contraction/the floor) of the ventricle 14. on the ventricle 15. to the ventricle 16. within the ventricle	Life
460	<i>green</i>	adj.	1. ADJ n 2. det ADJ	1. green area/bamboo/guys/patches 2. the green	Math/Comp, Phys
		n.	1. adj N 2. in N 3. with N	1. unique/bluish/yellowish green 2. in green 3. with reddish green	
461	<i>cholesterol</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N to-inf 6. N between n 7. N for n 8. N from n 9. N in n 10. N into n 11. N on n 12. N of n 13. in N 14. of N 15. on N 16. out of N 17. with N	1. the cholesterol 2. your cholesterol 3. cholesterol esters/molecules/levels 4. good/enough/high/dietary/bad/low cholesterol 5. cholesterol to build up in our arteries 6. cholesterol between placebo and fiber 7. cholesterol for a moment 8. cholesterol from the body/your liver 9. cholesterol in the cell/the blood/your diet 10. cholesterol into the cell/the bloodstream 11. cholesterol on the inside 12. cholesterol of 352	Life

				13. in blood cholesterol 14. (elevations/the consequences/part/regulation) of the cholesterol 15. on LDC cholesterol 16. out of the cholesterol 17. with high/the cholesterol	
462	<i>neuroscience</i>	n.	1. det N 2. adj N 3. N to-inf 4. N at n 5. N behind n 6. N by n 7. N from n 8. N in n 9. N on n 10. N of n 11. N to n 12.. in N 13. into N 14. of N 15. out of N	1. the neuroscience 2. medical/behavioral/cognitive neuroscience 3. neuroscience to explain behavior/really impact the role/understand exactly how this happens 4. neuroscience at the Queensland 5. neuroscience behind the scenes/the governance of our bladder 6. neuroscience by talking about human cognition 7. neuroscience from Australia 8. neuroscience in her presentation 9. neuroscience on complex brain functions 10. neuroscience of stress/pain 11. neuroscience to the care and treatment of individuals 12. in medical neuroscience 13. into medical neuroscience 14. (the site/the textbook/the development) of the neuroscience 15. out of neuroscience	Life
463	<i>bracket</i> <i>brackets (949)</i>	n.	1. det N 2. N n 3. N to-inf 4. N between n 5. N on n 6. by N 7. in N 8. of N 9. out of N 10. with N 11. without N	1. a bracket 2. bracket sets/timbers/units 3. bracket to close/denote a part/include that 4. bracket between columns 5. bracket on the right 6. by a bracket 7. in the bracket 8. (the height/this part/this version/the size) of bracket 9. out of the bracket 10. with a/no bracket 11. without open bracket	Math/Comp, Human
464	<i>change</i>	n.	1. det N 2. n N 3. adj N 4. N to-inf 5. N about n 6. N at n 7. N between n 8. N by n 9. N for n 10. N from n 11. N in n 12. N into n 13. N on n 14. N of n 15. N to n 16. by N 17. from N 18. under N 19. with N 20. without N	1. the/a/this change 2. language/replacement/taste change 3. another/interesting/technical/cultural/dramatic/ significant/enormous change 4. change to drive up treatment costs 5. change about money 6. change at one level/the urban scale/the end 7. change between the filtrate/frames/those 8. change by rushing/people 9. change for sodium/a fixed amount of heat 10. change from the standard physical structure of DNA/large international organizations/colonialism 11. change in climate/the	Phys, Soc

				west/scope/science 12. change into animals 13. change on cultural forms/ 14. change of height/key/musical scenery/ways 15. change to the Ottoman Empire/the environment/ the battle/India 16. by the/climate change 17. from climate/cellular change 18. under climate change 19. with this change 20. without any change	
		v.	1. V n 2. V in n 3. V from n 4. V n from n 5. V n to n 6. V to n 7. V for n 8. V n with n 9. V to-inf	1. change the world/a flight/a product/the basis/ the level/their meaning/something/ anything/many other options/his film 2. change in English/some ways/the 1500s/ time/ 3. change from moment/M3/one language or culture/round trip/one day 4. change the dates from December 22 nd / his name from LilB/the seasons from fall 5. change it to 4 adults/our attitude to animals /poems to Alan Dugan/that unstable note to a stable one 6. change to some extent/a premier/pulp 7. change for that baby/that melody/the convenience/many years 8. change the world with our words/the room with the way/your world with language 9. change to fit the melody/mirror the minor/be sensitive	
465	use	v.	1. V n [imperative] /V n 2. V n as n 3. V n for n	1. Use the comments/the pictures use an extreme example/the guns/the soul force /a different method 2. use ballet as a sense of expressing/ dramatization as a way of getting/rap music as way of expressing/use them as architectural one/ colonization as many 3. use it for making sounds	Math/Comp
		n.	1. det N 2. poss N 3. ord N 4. adj N 5. N to-inf 6. N as n 7. N among n 8. N by n 9. N for n 10. N from n 11. N in n 12. N into n 13. N on n 14. N of n 15. N with n	1. the/this use 2. its use 3. first use 4. coded/common/widespread/systema tic use 5. use to carry out their role/design a test/compute this probability 6. use as a recruitment tool/an ID card/a description/a method/a transportation fuel 7. use among such athletes 8. use by home tapers/athletes/the crop 9. use for plagues/these digital	

			16. N to n 17. by N 18. from N 19. in N 20. into N 21. of N 22. on N 23. out of N 24. under N 25. with N 26. without N	files/small plastic pumps/transportation 10. use from economic growth/it 11. use in different areas/the classrooms/some schools/daily life 12. use into this focus 13. use on grassland 14. use of English/iconicity/the myth 15. use with the attitude 16. use to anyone 17. by the/fair use 18. from this use 19. in fair/actual use 20. into widespread/full use 21. (a history/terms/one instance) of its/the use 22. on fair use 23. out of use 24. under fair use 25. with their use 26. without the use	
466	<i>gravity</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N as to n 7. N at n 8. N against n 9. N between n 10. N by n 11. N for n 12. N from n 13. N in n 14. N into n 15. N on n 16. N of n 17. N to n 18. N toward n 19. by N 20. in N 21. into N 22. of N 23. with N	1. a gravity 2. gravity models/threshold/lines 3. quantum gravity 4. sufficient/weak gravity 5. gravity to hold itself together/bring that water to you/begin with 6. gravity as to amount to the acts 7. gravity at its surface 8. gravity against pressure 9. gravity between the two 10. gravity by itself 11. gravity for the most part 12. gravity from twisting the poor purple rider 13. gravity in a way 14. gravity into this whole relativity 15. gravity on the moon/earth/mass 16. gravity of the seesaw/his situation/his situation 17. gravity to them 18. gravity towards the middle 19. by the gravity 20. in the gravity 21. into the gravity 22. (the acceleration/the physics) of the gravity 23. with weak gravity	Phys
467	<i>sun</i>	n.	1. det N 2. poss N 3. N n 4. N to-inf 5. N at n 6. N behind n 7. N from n 8. N in n 9. N into n 10. N on n 11. N to n 12. by N 13. from N 14. in N 15. of N 16. out of N 17. under N 18. with N	1. the sun 2. our sun 3. sun dancer/damage/block/movements 4. sun to collapse down 5. sun at a relatively fast speed 6. sun behind you 7. sun from the Earth's surface 8. sun in the east/size 9. sun into a black hole 10. sun on earth 11. sun to the center/Mars/the Earth/Neptune 12. by the sun 13. from the sun 14. in the sun 15. (the cattle/the rotation/the orbits) of the sun	Phys

				16. out of the sun 17. under the sun 18. with the sun	
468	<i>kinetic</i>	adj.	1. ADJ n	1. kinetic energy/chain/movements/properties	Phys
469	<i>javascript</i>	n.	1. N to-inf 2. N for n 3. N in n 4. of N 5. with N	1. Javascript to make additional HTTP requests/ change the CSS properties 2. Javascript for me/web pages 3. Javascript in education/CS101/the contents 4. of Javascript 5. with Javascript	Math/Comp
470	<i>denote</i>	v.	1. V n	1. denote stocks/an absence/anything/ flows/the action	Math/Comp
471	<i>metabolism</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N at n 7. N between n 8. N by n 9. N for n 10. N in n 11. N of n 12. N to n 13. by N 14. from N 15. in N 16. of N 17. with N	1. the metabolism 2. city's/our/their metabolism 3. concept/brain/drug/lactose metabolism 4. normal/urban metabolism 5. metabolism to maintain a normal metabolism /be bioactivated 6. metabolism at the seven hydroxyl position/the level of the cell 7. metabolism between what's going on in the cytoplasm 8. metabolism by the liver/esterases 9. metabolism for any chemical reaction 10. metabolism in the body/brain tissue/various brain regions/those cells 11. metabolism of the cells/the different drugs/ drugs/our hit 12. metabolism to other drug metabolites/its acid metabolite 13. by the metabolism 14. from the metabolism 15. in the metabolism 16. (the concept/studies/models) of the metabolism 17. with the/our metabolism	Life, Phys
472	<i>remember</i>	v.	1. V n [imperative] 2. V that-/n	1. Remember Confucius 2. remember that low sounds are... -remember Homer/our example/the sequence	Phys
473	<i>gravitational</i>	adj.	1. ADJ n	1. gravitational radiation/force/field/waves/torque	Phys
474	<i>portfolio</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N to-inf 6. N about n 7. N as n 8. N for n 9. N from n 10. N in n 11. N into n 12. N of n 13. by N 14. from N 15. in N 16. of N 17. on N	1. the/a/this portfolio 2. your portfolio 3. portfolio selection/vector 4. another/different/new portfolio 5. portfolio to get to the same level 6. portfolio about your fish 7. portfolio as star/the implied volatility 8. portfolio for CDO tranches/the market portfolio 9. portfolio from fossil fuels 10. portfolio in a given scenario/these scenarios 11. portfolio into a series of CDO 12. portfolio of options/bons/securities/the work 13. by any portfolio	Soc

			18. with N	14. from my portfolio 15. in the portfolio 16. (the variance/the return) of this/the portfolio 17. on this/a portfolio 18. with that portfolio	
475	<i>differentiate</i>	v.	1. V n 2. V between pl-n 3. V n from n 4. V from n	1. differentiate corn/these people/Chinese space/ethnicity/feminisms 2. differentiate between the aristocratic baroque/ these schools/between these schools of thought/it from the present city 3. differentiate the pure pastoral cultures from the combination/them from architects/you from many people in Japan 3. differentiate from our competition -	Math/Comp
476	<i>activation</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N from n 6. N in n 7. N of n 8. N to n 9. by N 10. from N 11. in N 12. of N 13. with N	1. the activation 2. activation energy/barrier 3. brain/language/factor activation 4. electrical/immune//final activation 5. activation from this medial temporal lobe memory system 6. activation in monolingual situations/both inferior canals/the brain/your left sensory strip 7. activation of the proton pump/circuits/different types/these organs 8. activation to muscle spindle/the leg muscles 9. by the activation 10. from the activation 11. in the activation 12. (a product/the height/the function) of the activation 13. with the activation	Life
477	<i>summarize</i>	v.	1. V n	1. summarize China/several cities/the story	Math/Comp, Life
478	<i>calculus</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N to-inf 6. N as n 7. N by n 8. N in n 9. N of n 10. in N 11. of N 12. with N	1. the calculus 2. your calculus 3. calculus terms/problems/course 4. advanced/stochastic/basic/interesting calculus 5. calculus to evaluate integrals/find this maximum /prove it/prove it 6. calculus as a maximum/a whole 7. calculus by Newton 8. calculus in high school/Newton 9. calculus of social interests 10. in basic calculus 11. (the back/the invention) of the calculus 12. with the calculus	Math/Comp
479	<i>bulb</i>	n.	1. det N 2. n N 3. adj N 4. N to-inf 5. N at n 6. N against n 7. N for n	1. the bulb 2. light/flash/power bulb 3. olfactory/terminal/glowing/distant bulb 4. bulb to light up/store the state of data 5. bulb at the end of the eye dropper	Math/Comp

			8. N in n 9. N into n 10. N on n 11. N to n 12. N with n 13. from N 14. in N 15. into N 16. of N 17. with N	6. bulb against the cribriform plate 7. bulb for complex odors/the electrons 8. bulb in many mammals 9. bulb into this element 10. bulb on it 11. bulb to cortex/the battery/my switch/another type 12. bulb with a discrete resistor 13. from the bulb 14. in this bulb 15. into the bulb 16. (the two terminals/the lifetime/the filament) of the bulb 17. with a bulb	
480	<i>multiplication</i>	n.	1. det N 2. N n 3. n N 4. N to-inf 5. N as n 6. N between n 7. N by n 8. N in n 9. N into n 10. N of n 11. by N 12. of N 13. with N	1. the/a multiplication 2. multiplication effect/tables/symbol/dimension/sign 3. list/vector/scalar multiplication 4. multiplication to happen/make sense/consider this approach 5. multiplication as two real numbers 6. multiplication between these two vectors 7. multiplication by a matrix 8. multiplication in this problem 9. multiplication into addition 10. multiplication of these two things/two matrices/the production/real numbers 11. by multiplication 12. (versions/the same form/two versions) of the multiplication 13. with matrix multiplication	Math/Comp
481	<i>something</i>	pronoun.	1. N adj 2. N n 3. N to-inf 4. N between n 5. N of n	1. something impossible/extra/special/difficult 2. something else 3. something to focus on 4. something between 6 and 7 languages 5. something of collective importance/what Homer did/	Human, Phys
482	<i>plasma</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N at n 6. N by n 7. N of n 8. N with n 9. by N 10. from N 11. in N 12. into N 13. of N 14. with N 15. within N	1. the plasma 2. plasma membrane/glucose/concentration 3. blood plasma 4. rich plasma 5. plasma at this point 6. plasma by the process of absorption/your kidney 7. plasma of the blood 8. plasma with a reactor vessel 9. by the plasma 10. from the plasma 11. in the plasma 12. into the plasma 13. (the osmolarity/the surface area) of the plasma 14. with the plasma 15. within the plasma	Life, Phys
483	<i>temples</i> <i>temple (246)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N as n	1. the/these temples 2. their/your temples 3. wood/Hindu temples 4. important/many/various/stationary	Human

			6. N for n 7. N in n 8. N into n 9. N on n 10. N of n 11. N to n 12. N with n 13. from N 14. in N 15. of N 16. with N	y/Greek/new temples 5. temples as unsuitable habitations/official altars 6. temples for this particular experience 7. temples in the area/a city/the mountains area 8. temples into a category 9. temples on top 10. temples of Tang Dynasty/China 11. temples to Saturn 12. temples with gifts/their wheels 13. from the temples 14. in the temples 15. (the designs/models/foundations) of the temples 16. with its/many temples	
484	<i>multiplied</i> <i>multiplying (574)</i> <i>multiply (107)</i>	v.	1. (v-link) V by n	1. was/is multiplied by a vector/the mean/the weights	Math/Comp, Phys
485	<i>resistors</i> <i>resistor (127)</i>	n.	1. det N 2. num N 3. adj N 4. N to-inf 5. N as n 6. N for n 7. N in n 8. N of n 9. N with n 10. of N 11. out of N 12. with N	1. the/these resistors 2. two resistors 3. simple/hole/common/other resistors 4. resistors to get some improvements/set bias points/be approximately the value we know 5. resistors as sensors 6. resistors for the feedback resistor 7. resistors in independent sources/the series string/the direction 8. resistors of a few tens of ohms/the same value 9. resistors with different resistances 10. (the product/three/any one/the problem) of the/these resistors 11. out of resistors 12. with the resistors	Math/Comp
486	<i>molar</i>	adj.	1. ADJ n	1. molar acid/solution/mass/teeth/mass/volume	Phys
		n.	1. det N 2. N over n 3. N of n 4. N with n 5. of N	1. a/the molar 2. molar over delta T 3. molar of urea 4. molar with RT 5. (the strength) of the molar .	
487	<i>build</i> <i>building (709)</i>	v.	1. V n 2. V on n 3. V for n 4. V adj	1. build a temple 2. build on an entertaining plot/data and information/these sites/older myths and stories 3. build for God/1000 years/data/defense 4. build much larger/truly remarkable/new	Math/Comp, Human, Soc
488	<i>solute</i>	n.	1. det N 2. N n 3. n N 4. N to-inf 5. N at n 6. N against n 7. N in n 8. N into n 9. N to n	1. the/a solute 2. solute movement/concentration/molecules 3. liquid solute 4. solute to dissolve 5. solute at a time 6. solute against its concentration gradient 7. solute in the benzene solution/the	Phys

			10. in N 11. of N 12. without N	water 8. solute into the solution/solvent 9. solute to water/the solution 10. in the solute 11. (the movement/the concentration/the number of moles/the presence) of the solute 12. without the solute	
489	<i>olfactory</i>	adj.	1. ADJ n	1. olfactory receptors/bulb/nerve/system/cortex	Life
490	<i>classifier</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N at n 7. N in n 8. N on n 9. N of n 10. by N 11. of N 12. with N	1. a/the classifier 2. your classifier 3. regression/spam/margin/windows classifier 4. good/non-linear/ classifier 5. classifier to examine an image/try/decide/output values 6. classifier at every step 7. classifier in this position 8. classifier on the test set/a test 9. classifier of a high precision 10. by the classifier 11. (the precision/the output/the details) of the classifier 12. with the classifier	Math/Comp
491	<i>depolarization</i>	n.	1. det N 2. n N 3. adj N 4. N to-inf 5. N for n 6. N from n 7. N in n 8. N into n 9. N of n 10. N to n 11. N with n 12. by N 13. in N 14. of N 15. with N 16. without N	1. a/the depolarization 2. membrane/step depolarization 3. large/rapid/ventricular/increasing depolarization 4. depolarization to expel magnesium 5. depolarization for the left semicircular canal 6. depolarization from the inside of the wall 7. depolarization in pre-synaptic activity/these olfactory receptor cells 8. depolarization into this atria/the ventricles/ that cell 9. depolarization of the entire atria/the ventricles/ that cell 10. depolarization to active voltage 11. depolarization with excitatory post/the persistent presence 12. by this depolarization 13. in a depolarization 14. (the peak) of the depolarization 15. with the depolarization 16. without the depolarization	Life
492	<i>logarithm</i>	n.	1. det N 2. N n 3. adj N 4. N on n 5. N of n 6. N to n 7. by N 8. in N 9. of N 10. with N	1. this/the logarithm 2. logarithm base 3. negative/natural/clustering logarithm 4. logarithm on this data set 5. logarithm of the concentration/those numbers/ the anion/the pressure 6. logarithm to the base 7. by the logarithm 8. in the logarithm 9. (the negative) of the logarithm 10. with a logarithm	Math/Comp, Phys
493	<i>wagon</i>	n.	1. det N 2. poss N 3. N to-inf 4. N about n	1. a/the wagon 2. your wagon 3. wagon to move/accelerate/prevent the two objects/undergo	Phys

			5. N as n 6. N at n 7. N from n 8. N in n 9. N on n 10. N with n 11. N to n 12. by N 13. from N 14. in N 15. of N 16. on N 17. out of N 18. under N 19. with N	acceleration 4. wagon about horizontal frictional forces 5. wagon as gravitational potential energy 6. wagon at the bottom of the hill 7. wagon from the bottom/ground level 8. wagon in the direction/sidewalk 9. wagon on a ramp/the searh/the scale 10. wagon with wheels/just enough force 11. wagon to a stop/your right/the front 12. by the wagon 13. from the wagon 14. in the wagon 15. (the weight/the gravitational force) of the wagon 16. on the wagon 17. out of the wagon 18. under the wagon 19. with the wagon	
494	<i>binomial</i>	adj.	1. ADJ n	1. binomial distribution/model/probability/lattice	Math/Comp, Soc
495	<i>rotation</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N about n 8. N at n 9. N by n 10. N for n 11. N from n 12. N in n 13. N on n 14. N of n 15. N to n 16. by N 17. from N 18. in N 19. of N 20. with N	1. a/the rotation 2. our rotation 3. rotation scheme 4. head/crop rotation 5. rapid/synergistic/full rotation 6. rotation to contribute 7. rotation about the y-axis/a fixed axes/the top of the system 8. rotation at upper leveasl 9. rotation by 90 degrees 10. rotation for the bumper car/the shear strain/ the entire story/the seesaw 11. rotation from the horizontal axis/this externally applied forces 12. rotaion in the form/the vicinity/the opposite direction 13. rotation on the vertical phases/a touchscreen display/my stress block 14. rotation of the head/this gyroscope/the globe 15. rotation to the right/point 16. by a rotation 17. from this rotation 18. in the/a rotation 19. (the extent/the sense/a combination/the log) of the/a rotation 20. with the rotation	Math/Comp, Phys
496	<i>elapsed</i>	adj.	1. ADJ n	1. elapsed time	Phys
		v.	1. V	1. have elapsed/ elapsed	
497	<i>fraction</i>	n.	1. det N 2. n N 3. adj N 4. N to-inf 5. N as n	1. a/the fraction 2. injection/ejection fraction 3. tiny/small/decreasing/substantial/large fraction	Mat/Comp, Phys

			6. N for n 7. N from n 8. N in n 9. N into n 10. N of n 11. N to n 12. by N 13. from N 14. in N 15. into N 16. of N 17. with N	4. fraction to have the unit/come up with 5. fraction as limit 6. fraction for a specific activity/the ability 7. fraction from fossil fuel 8. fraction in the vapor/the polulation/the denominator 9. fraction into two parts 10. fraction of the cost/the electromagnetic spectrum /what I know 11. fraction to the power/one degree Celsius 12. by a fraction 13. from some fraction 14. in a fraction 15. into one fraction 16. (the expression/the value/the bottom/the top) of the fraction 17. with a fraction	
498	keyword	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N as n 8. N in n 9. N of n 10. N to n 11. N with n 12. at N 13. by N 14. in N 15. of N 16. with N	1. a/the fraction 2. my keyword 3. keyword city/argument 4. function keyword 5. special keyword 6. keyword to lay bare the mechanism 7. keyword as its 1 st element/the name of a function 8. keyword in the value/index 9. keyword of that entry 10. keyword to the index/lookup/the hash table 11. keyword with a list of URLs 12. at that keyword 13. by another keyword 14. in a/the keyword 15. (any/a lit/one letter) of the/that keyword 16. with that/a/the keyword	Math/Comp
499	video videos (333)	n.	1. det N 2. ord N 3. N n 4. n N 5. adj N 6. N to-inf 7. N about n 8. N as n 9. N at n 10. N by n 11. N for n 12. N from n 13. N in n 14. N on n 15. N of n 16. N to n 17. N with n 18. by N 19. from N 20. in N 21. into N 22. of N 23. out of N 24. under N 25. with N	1. a/the video 2. first/last video 3. video games/lectures/demonstration/clips 4. benchmark/work/music/class video 5. previous/next/animated video 6. video to explain that/look at these details/ improve product placement 7. video about the respiratory system/sensation/ perception/things 8. video as four nearly identical images 9. video at the end 10. video by Tom Robinson 11. video for you/our other informants 12. video from the start/a group of Korea 13. video in this course 14. video on health systems/sensation 15. video of the user/this	Math/Comp

			26. without N	module/Hesiod/the template 16. video to me/this course 17. video with Ton Kooman 18. by this video 19. from the/this video 20. in the/this video 21. into the video 22. (the audio/the end/the making/a part) of a/the video 23. out of the/this video 24. under this video 25. with this video 26. without the video	
500	<i>athenians</i>	n.	proper noun 1. det N 2. adj N 3. N to-inf 4. N as n 5. N of n 6. by N 7. of N 8. with N	-Athenians 1. the Athenians 2. ordinary Athenians 3. Athenians to help the walls/come help them 4. Athenians as a special people 5. Athenians of his day 6. by the Athenians 7. (the Treasury/the part) of the Athenians 8. with the Athenians	Human
501	<i>event</i>	n.	1. det N 2. n N 3. adj N 4. N to-inf 5. N as n 6. N at n 7. N in n 8. N on n 9. N of n 10. N to n 11. N with n 12. by N 13. from N 14. in N 15. of N 16. under N 17. with N 18. within N	1. an/the/this event 2. landscape/fire event 3. famous/great/enormous/political/supporting/ stressful/significant event 4. event to occur/find an order/happen/be true 5. event as a change 6. event at chromosome 22 7. event in their lives/the globalization 8. event on the calendar/our Youtube channel 9. event of a neutral network/a war 10. event to this 11. event with three spatial coordinates/other gifts 12. by an/some event 13. from this/an event 14. in any/the event 15. (his description/the presence/the absence/ victims) of the/this event 16. under which event 17. with another/this event 18. within that event	Math/Comp, Phys
503	<i>introduce</i>	v.	1. V n 2. V n to n 3. V n by -ing 4. V n between pl-n	1. introduce a different note/the topic 2. introduce us to things/enslaved Africans to the Christian faith/you to an outstanding crew/you to a number of basic principles 3. introduce yourself by posting a comment 4. introduce the distinction between extrinsic and intrinsic mental properties	Math/Comp
504	<i>definition</i>	n.	1. det N 2. poss N 3. num N 4. n N 5. adj N	1. this/the/a definition 2. our/his/its/Olvid's definition 3. one definition 4. problem definition 5. broader/precise /rough/simple	Math/Comp

			6. N to-inf 7. N about n 8. N as n 9. N at n 10. N by n 11. N for n 12. N in n 13. N on n 14. N of n 15. N to n 16. by N 17. from N 18. in N 19. into N 20. of N 21. to N 22. with N 23. under N 24. with N 25. within N	definition 6. definition to exclude magazines/define some other concepts/get a better understanding 7. definition about what it is 8. definition as a starting point 9. definition at telecommunications service 10. definition by Ken Booth/the FCC 11. definition for the matrix/my hypothesis/the cost/this course 12. definition in its hind legs/this class/the statutes 13. definition on the screen/that 14. definition of tragedy/program music miracles/ religion/the intellectual field/ language 15. definition to a set/the music/the work 16. by that definition 17. from that/standard definition 18. in the definition 19. into the definition 20. (the point/the next part/an example/the heart) of the definition 21. to our definition 22. with this/a definition 23. under this definition 24. with this/the definition 25. within this definition	
505	<i>mathematical</i>	adj.	1. ADJ n	1. mathematical stories/formula/flavor/sublime chapter/problem/ability/structure/terms	Math/Comp
506	<i>rhyme</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N for n 6. N between n 7. N in n 8. N of n 9. N to n 10. N with n 11. N to n 12. in N 13. of N 14. with N	1. a/the rhyme 2. rhyme possibilities 3. construction/family/nursery/assonance rhyme 4. perfect/additive/melodic rhyme 5. rhyme for snow/the third line/wind 6. rhyme between defence and innocence 7. rhyme in lines/a poem 8. rhyme of a melody 9. rhyme to the consonant sounds 10. rhyme with the word wind 11. rhyme of lines 12. in the rhyme 13. (the three conditions/the second quality) of the rhyme 14. with a rhyme	Human
		v.	1. V n 2. V that- 3. V in n	1. rhyme impacts 2. rhyme that I want... 3. rhyme in all those plays	
507	<i>interested</i> <i>interesting (168)</i>	intadj.	1. v-link ADJ in n 2. ADJ in n 3. ADJ by n 4. ADJ to-inf	1. They also were interested in things/who's really interested in/I'm interested in hearing some more from you/he is very interested in the small differences/he becomes very interested in Buddhism 2. intrestd in those/poetry/politics	Life, Soc

				3. interested by it 4. I am interested to ask you/I'm really interested to see what you're going to do	
		v.	1. (v-link) V in n 2. V n	1. is interested in heroes 2. interested me/you	
508	<i>y-axis</i>	n.	1. det N 2. N at n 3. N against n 4. N by n 5. N in n 6. N on n 7. in N 8. to N	1. the y-axis 2. y-axis at some angle/4.8 3. y-axis against 5 4. y-axis by retina 5. y-axis in this plot/lecture 6. y-axis on this slide 7. in the y-axis 8. to the y-axis	Math/Comp
		adj.	1. ADJ n	1. y-axis variable/gain/plasma concentration	
509	<i>reactants</i>	n.	1. det N 2. poss N 3. adj N 4. N against n 5. N at n 6. N for n 7. N from n 8. N in n 9. N on n 10. N to n 11. from N 12. in N 13. into of N	1. the/these reactants 2. our reactants 3. pure reactants 4. reactants against it 5. reactants at the composisiton of the reaction time/a series of times 6. reactants for step two/this particular prototypical reaction 7. reactants from the products to the intermediates 8. reactants in the products/the denominator 9. reactants on the product side 10. reactants to products 11. from the reactants 12. in the reactants 13. into the reactants 14.	Phys
510	<i>print</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N for n 7. N from n 8. N in n 9. N on n 10. N of n 11. by N 12. of N 13. in N 14. out of N 15. with N	1. the/this print 2. print disabilities/evnvironment/medium /ads/ version/line 3. finger/press/Google/newspaper/3D/ word print 4. Japanese/small/different/old/bold print 5. print to leave there/pint that out 6. print for dramatic effect 7. print from Amazon 8. print in China/problem set four/those situations 9. print on demand services 10. print of 11. by print 12. (the invention/the world) of print 13. in print 14. out of print 15. with print	Math/Comp
		v.	1. V n	1. print another side/the hearts	
511	<i>mole</i> <i>moles (170)</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N at n 6. N by n 7. N of n 8. N on n 9. in N	1. a mole 2. Monroe's moel 3. mole list/fraction/particles 4. large/every/single mole 5. mole at zoo 6. mole by 45 joules 7. mole of carbon dioxide/methane/helium/oxygen 8. mole on the left side/her leg/your	Phys

			10. to N 11. with N	skin 9. in a mole 10. to a mole 11. with a mole	
512	<i>rotate</i>	v.	1. V around n 2. V in n 3. V n	1. rotate around the Sun 2. rotate in different directions 3. rotate it	Math/Comp, Phys
513	<i>becomes</i>	v.	1. V n 2. V adj	1. becomes Alexander 2. becomes totally dominant/apparent/familiar /perfect-	Human, Phys
514	<i>vapor</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N as n 7. N for n 8. N from n 9. N in n 10. N into n 11. N to n 12. in N 13. to N 14. with N	1. a vapor 2. vapor pressure/phase 3. water vapor 4. thin/total vapor 5. vapor to condense into a liquid 6. vapor as a greenhouse gas 7. vapor for North American thunderstorms 8. vapor from our atmosphere/the atmosphere condenses 9. vapor in the atmosphere/the air/certain areas 10. vapor into the overlying air mass/it 11. vapor to a particular temperature 12. in water vapor 13. to water vapor 14. with a vapor	Phys
515	<i>quadratic</i>	adj.	1. ADJ n	1. quadratic equation/formula/function/terms	Math/Comp
516	<i>particles</i> <i>particle (772)</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N to-inf 6. N as n 7. N at n 8. N by n 9. N from n 10. N in n 11. N of n 12. N on n 13. N over n 14. N to n 15. N with n 16. by N 17. from N 18. in N 19. into N 20. of N 21. in N 22. to N 23. with N	1. the/these/those particles 2. two particles 3. food/LDL/HDL/soil/protein particles 4. tiny/many/further/elementary/active particles 5. particles to destroy/encounter the wall/arrive at particular combinations/be closed together 6. particles as a function of distance 7. particles at the wall 8. particles by the number of moles/determining the molar mass 9. particles from complex proteins/all over the body 10. particles in some other respects/the observable universe/the gas/sodium chloride 11. particles of inheritance 12. particles on the wall 13. particles over the cross 14. particles to the pressure of the gas/the water 15. particles with the wall/it/cholesterol ester 16. by the particles 17. from soil particles 18. in elementary particles 19. into other particles 20. (the number/a random movement) of particles 21. in particles 22. to soil particles	Phys

				23. with individual particles	
517	<i>nanoseconds</i>	n.	1. num N 2. in N 3. N at n 4. N for n 5. N on n 6. at N 7. by N 8. in N 9. with N	1. 44.4/ 60 nanoseconds 2. in nanoseconds 3. nanoseconds at that point 4. nanoseconds for the front of the barn/Alice 5. nanoseconds on Bob's clocks 6. at 44.4 nanoseconds 7. by 2.7 nanoseconds 8. in 44.4 nanoseconds 9. with 44.4 nanoseconds	Phys
518	<i>virgil</i>	n.	proper noun	-Virgil	Human
519	<i>ways</i> <i>way (221)</i>	n.	1. det N 2. poss N 3. num N 4. adj N 5. N to-inf 6. N about n 7. N against n 8. N among 9. N as n 10. N at n 11. N by n 12. N between n 13. N for n 14. N from n 15. N in n 16. N of n 17. N with n 18. in N 19. of N 20. to N 21. with N 23. within N	1. the ways 2. his ways 3. two ways 4. different/reasonable/many/old/specific/random /various/main ways 5. ways to make her feel good/try to identify this man/approach languages/modify these constructions 6. ways about the special theory of relativity 7. ways against it 8. ways among the new 9. ways as a pyramid/the course schedule 10. ways at the most basic level 11. ways by which mindfulness/philosophers/ Aristotle 12. ways between family members/radio and infrared 13. ways for us/educators/Google/military defence considerations/learning English online 14. ways from the colors/the tree/the train station/ acting/the Nile river 15. ways in which languages.../the story/Roman coins 16. -ways of measuring/thought/thinking/doing things /worshipping the gods 17. ways with a very light sound/the old view 18. in different/many/some ways 19. (certain types/a new form/any number/) of ways 20. to the ways 21. with the ways 22. within the ways	Human, Soc
520	<i>pairs</i> <i>pair (657)</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N to-inf 6. N about n 7. N at n 8. N by n 9. N between n 10. N for n 11. N from n 12. N in n	1. the/these pairs 2. three/23/22/four pairs 3. base/DNA/chromosome/gene/electron pairs 4. binary/same/good/minimal/functional pairs 5. pairs to give everything an octet/give the oxygens 6. pairs about this carbon atom 7. pairs at a time	Math/Comp, Life, Phys

			12. N of n 13. N to n 14. by N 15. in N 16. of N 17. with N	8. pairs by an enzyme 9. pairs between atoms/adjacent bonded atoms 10. pairs for this variable/the gene 11. pairs from the gene 12. pairs in opposition 12. pairs of stories/oppositions/keys/courses/soc ks 13. pairs to our hash table/it 14. by lone pairs 15. in four pairs, in pairs 16. of both pairs 17. with lone pairs	
521	<i>transistor</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N from n 7. N to n 8. by N 9. in N 10. into N 11. of N 12. out of N 13. to N 14. with N	1. a/the/this transistor 2. transistor radio/patents 3. power transistor 4. bipolar transistor 5. transistor to interrupt this pyro/be revolutionary 6. transistor from the switching node 7. transistor to the integrated circuit/the world 8. by polar transistor 9. in the transistor 10. into the transistor 11. (the structure/the blocking voltage/the drain) of the transistor 12. out of this transistor 13. to the transistor 14. with a/the transistor	Phys
522	<i>retina</i>	n.	1. det N 2. poss N 3. adj N 4. N to-inf 5. N at n 6. N for n 7. N from n 8. N in n 9. N to n 10. from N 11. in N 12. into N 13. of N 14. to N 15. with N 16. within N	1. the 2. their/my/his/your retina 3. neural/human/nasal retina 4. retina to dirve circuitry in the brain/affiliate with the anterior part 5. retina at the back 6. retina for vision 7. retina from distal to proximal 8. retina in different ways- 9. retina to the brain/the frog/thalamus 10. from the retina 11. in the retina 12. into the retina 13. (part/the neurons) of the retina 14. to the retina 15. with the retina 16. within the retina	Life
523	<i>our</i>	pos.	POSS n	1. our foray/course/figure/myth/epic/class	Life, Phys
524	<i>chain</i>	n.	1. det N 2. adj N 3. N to-inf 4. N at n 5. N as n 6. N of n 7. N in n 8. N to n 9. from N 10. in N 11. into N 12. to N 13. with N	1. a/the chain 2. entire/linear chain 3. chain to speak off/give the best function/follow this straight line/traverse this arc 4. chain at specific amino acid sequences/the next level 5. chain as a particle 6. chain of cinemas/islands 7. chain in Denmark 8. chain to the bottom 9. from the chain 10. in a chain 11. into the chain	Math/Com, Life

				12. to the chain 13. with the chain	
525	<i>athenian</i>	adj.	1. ADJ n	1. Athenian citizens/ambassadors/public/ attitude/ tragedy/ability/king/revolution/life	Human
		n.	1. det N 2. adj N 3. N as n 4. N of n 5. in N 6. with N	1. the Athenian 2. another Athenian 3. Athenian as a slave 4. Athenian of Marina 5. in the Athenian 6. with an Athenian	
526	<i>url</i> <i>urls (821)</i>	n.	1. det N 2. poss N 3. adj N 4. at N	1. the/this/a URL 2. my URL 3. valid/new URL 4. at the URL	Math/Comp
527	<i>circuitry</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N of n 6. in N 7. of N 8. with N 9. within N	1. the/this circuitry 2. its circuitry 3. reward/reflex/controller circuitry 4. basic/neuronal/columnar/cortical circuitry 5. circuitry of the additional numbers/the spinal cord/the glomerulus 6. in the circuitry 7. (the structure/the kind/a discussion) of the circuitry 8. with this circuitry 9. within the circuitry	Life
528	<i>stationary</i>	adj.	1. ADJ n 2. ADJ in n 3. ADJ with n	1. stationary skater/clock/bike/aspect/objects 2. stationary in his frame of reference 3. stationary with respect to the deck	Phys
529	<i>computing</i> <i>compute (54)</i> <i>computes (960)</i>	v.	1. V n 2. V that-	1. computing a function/devices 2. computing that it's supposed to be...	Math/Comp
		n.	1. det N 2. poss N 2. N n 3. n N 4. adj N 5. in N 6. of N	1. this computing 2. his/its computing 2. computing device/experience/system/room 3. cloud/quantum/network computing 4. personal/same/early/wearable/mo bile/ numerical computing 5. in computing 6. (different ways/the emergence/the cost/the process) of computing	
530	<i>methane</i>	n.	1. N n 2. n N 3. adj N 4. in N 5. from N 6. of N 7. on N	1. methane gas/emissions/level/result/cycle 2. liquid/gas methane 3. additional/pure methane 4. in methane 5. from methane 6. (no source/evidence/the levels/the detection) of methane 7. on a methane	Phys
531	<i>kepler</i>	n.	1. proper noun 2. N n 3. by N 4. from N 5. with N	1. Kepler 2. Kepler Telescope/Satellite/mission/planets 3. by Kepler 4. from Kepler 5. with Kepler	Phys
532	<i>tells</i>	v.	1. V n 2. V n n	1. tells Ginger Rogers/something/stories	Math/Comp

			3. V n of n 4. V of n 5. V about n	2. tells me how to do it/that his response is../me that this woman is going to marry/ me how much it would be 3. tells her of the scar 4. tells of a painter 5. tells about the house of Atreus/Beethoven	
533	<i>roughly</i>	adv.	1. ADV v 2. ADV num 3. ADV adj 4. ADV n	1. roughly referring to 1 st century BCE/speaking 2. roughly 1500/ 600 to 200 BCE 3. roughly contemporary with/equal in size 4. roughly the same sequence/the same time/that spot	Phys
534	<i>density</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N of n 6. at N 7. in N 8. of N 9. with N	1. the density 2. density cardboard/function/gradient/profile 3. population/painwheel/innervation/cell/bone/ mineral/nutrient/gene density 4. high/great/varying/dual/building density 5. density of people/mass/the buildings/images/ population /materials 6. at the density 7. in density 8. (flows/an area/aspects/the problem) of density 9. with greater density	Math/Comp, Phys
535	<i>volatility</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. of N	1. the volatility 2. my volatility 3. volatility numbers/parameter/surface 4. zero volatility/sigma 5. internal/external/high/short volatility 6. volatility of asset/the Bonds/the portfolio 7. (degree/value) of volatility	Soc
536	<i>features</i> <i>feature (914)</i>	n.	1. det N 2. poss N 2. n N 3. adj N 4. N of n 5. in N 6. of N 7. for N 8. with N	1. the/these features 2. its features 2. landscape/principle/product features 3. different/mental/architectural/extra / basic/ technical/other/physical features 4. features of lightning/later Mesoamerican civilization/this/the Europeans/the clocks /the cosmos/the lemon 5. in features 6. (a number/the representative/that set/a set/a vector/your omission) of features 7. for all the features 8. with features	Math/Comp
		v.	1. V n 2. V n to n	1. features music/voices/a Tibetan style/clearly layout/a young couple 2. features a showcase room to certain visitors	

537	<i>width</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. in N 8. of N 9. with N	1. the/a width 2. its width 3. width wind/contraction/attribute 4. caliper/band/variable/maximum width 5. overall/same/absolute/fixed width 6. width of edges/the middle bay/bay/the façade/ each step 7. in width 8. (the ratio/a hallway/a rectangle) of the width 9. with the width	Math/Comp, Phys
538	<i>heuristic</i>	n.	1. det N 2. poss N 3. n N 3. adj N 4. N to-inf 5. N for n	1. a/the/this heuristic 2. my/your heuristic 3. distance heuristic 3. good/different/particular/another heuristic 4. heuristic to rule out rectangles 5. our heuristic for determining whether.	Math/Comp
		adj.	1. ADJ n	1. heuristic principle/game/proposal/idea/function	
539	<i>browser</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf in N	1. a/the browser 2. your browser 3. web browser 4. older/modern browser 5. browser to return to this page/ -in a/your browser	Math/Comp
540	<i>hesiod</i>	n.	proper noun 1 by N 2. in N 3. of N 4. with N	-Hesiod 1. by Hesiod 2. in Hesiod 3. (these names/the case) of Hesiod 4. with Hesiod	Human
541	<i>loops</i> <i>loop (75)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. of N	1. those/these/the loops 2. your/my loops 3. drum/arrow/reflex/feedback/motor loops 4. casual/funny/red/nested/infinite loops 5. (one of) of the loops, (a bunch) of loops	Math/Comp
		v.	1. V to n	1. looks back to his being a poet	
542	<i>html</i>	n.	proper noun 1. det N 2. N n 3. N n 4. adj N 5. in N 6. of N	- HTML 1. the/this HTML 2. HTML function/document/page/code/tag 3. DOC type HTML 4. same/ugly HTML 5. in HTML 6. new ideas/the general framework of HTML	Math/Comp
543	<i>hormone</i> <i>hormones (851)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. by N 6. of N	1. a/the hormone 2. hormone androgen/gland/receptors/signal 3. growth/plasma hormone 4. active/male/thyroid/free/labelled hormone 5. by this hormone 6. (the concentration/the life/the amount/hypo secretion) of the hormone	Life

544	<i>tubule</i>	n.	1. det N 2. N n 3. n N 4. poss N 5. adj N 6. by N 7. from N 8. of N 9. within N	1. the/this tubule 2. tubule epithelium/lumen 3. kidney tubule 4. our tubule 5. renal/thin/convoluted/descending tubule 6. by the renal tubule 7. from the tubule 8. (the lumen/the regions) of the tubule 9. within a/the tubule	Life
545	<i>terminal</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. at N 8. in N 9. on N	1. a terminal 2. my terminal 3. terminal part 4. nerve/teletype/axon/control/base terminal 5. presynaptic/synaptic/afferent/negative terminal 6. terminal of the first-order axon 7. at the terminal 8. in this/a/my terminal 9. on the terminal	Math/Comp, Life
		adj.	1. ADJ n	1. terminal sentences/stage/membrane/disease/model/cluster/window	
546	<i>those</i>	det.	1. DET n 2. DET wh- 3. DET of n	1. those figures/Trojans/poems/times/feet/groups 2. those who have died/who are watching this course 3. those of you/who make pancakes	Life, Phys, Soc
547	<i>let's</i>	v.	V -inf [imperative]	-Let's begin/remember/go back to topic	Math/Comp, Phys
548	<i>parts</i>	n.	1. det N 2. num N 3. poss N 4. n N 5. adj N 6. N of n 7. in N	1. the/these parts 2. four/three parts 3. my parts 4. body/temple parts 5. many/other/springed/most/inner/edible parts 6. parts of China/the world/Homer 7. in the parts	Human, Life
549	<i>architectural</i>	adj.	1. ADJ n	1. architectural entities/forms/model/drawing/world/tradition/school	Human
550	<i>proportional</i>	adj.	1. ADJ n 2. ADJ to n 3. ADJ by n	1. proportional relationship/number/logic/manner 2. proportional to the original sequence/ the voltage difference/this displacement/ the intensity of light/the length of the interval/the temperature/velocity/its mass/the force/having a higher energy 3. proportional by the temperature	Phys
551	<i>nodes</i>	n.	1. det N 2. num N 3. poss N 4. n N 5. adj N 6. of N 7. with N	1. those nodes 2. 10/six nodes 3. their/its nodes 4. lymph/motor/user/child nodes 5. other/many/key/different/new nodes 6. (size/a set/the number/neighbors/all pairs) of nodes	Math/Comp

				7. with the nodes	
552	<i>squares</i> <i>square (60)</i> <i>squared (8)</i>	n.	1. det N 2. n N 3. adj N 4. N of n 5. in N 6. of N 7. out of N	1. these/those squares 2. quarter squares 3. constituent/adjacent/gold/colored /magic squares 4. squares of different dimensions/size four 5. in adjacent squares 6. (the sum/the list) of squares 7. out of squares	Math/Comp
		v.	1. V n 2. V to n	1. squares the size 2. squares to x	
553	<i>conductance</i>	n.	1. det N 2. n N 3. adj N 4. N of n 5. in N 6. of N	1. the/this/that conductance 2. potassium/sodium conductance 3. leak/postsynaptic/large/active/particular/total conductance 4. conductance of ions 5. in conductance 6. (the concept) of conductance	Life
554	<i>antiderivative</i> (<i>anti-derivative</i>)	n.	1. det N 2. poss N 3. adj N 4. N for n 5. N of n	1. the/an/this anti-derivative 2. my anti-derivative 3. general anti-derivative 4. anti-derivative for little f/a sine 5. anti-derivative of tangent/sine/velocity/a sum	Math/Comp
555	<i>discrete</i>	adj.	1. ADJ n	1. discrete infinity/school/signal/factors/tasks	Math/Comp
556	<i>synapse</i> <i>synapses (815)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N by n 7. N between n-pl 8. at N 9. from N 10. in N 11. of N 12. on N	1. the/a/this synapse 2. its synapse 3. synapse question 4. fiber synapse 5. dopaminergic/important/chemical /normal synapse 6. synapse by transporters 7. synapse between the neuron and muton 8. at the synapse 9. from the synapse 10. in a/the synapse 11. (changes) of the synapse 12. on the synapse	Life
557	<i>directory</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. n N 6. in N 7. of N 8. on N	1. the/that/a directory 2. your/my directory 3. home/workspace/parent directory 4. searchable/whole/current/working /new directory 5. in the current directory 6. (the name/the conents) of the directory 7. on the whole directory	Math/Comp
558	<i>pagodas</i>	n.	1. det N 2. n N 3. adj N 4. of N 5. with N	1. the pagodas 2. Buddhist/stone/brick/wood/temple pagodas 3. smaller/existing pagodas 4. (the images/this type/the cornices) of pagodas 5. with pagodas	Human
559	<i>enthalpy</i>	n.	1. det N 2. N n 3. adj N	1. the enthalpy 2. enthalpy change/formation 3. molar enthalpy	Phys

			4. N of n 5. in N	4. enthalpy of formation/the diamond/the reaction 5. in the enthalpy	
560	<i>dopamine</i>	n.	1. det N 2. N n 3. n N 4. N as n 5. by N 6. in N 7. of N 8. with N	1. the dopamine 2. dopamine receptors/transporter/activity/sign al/ molecules 3. compound dopamine 4. dopamine as a mediator 5. by dopamine 6. in dopamine 7. (the case/the removal/the level/a release/the spread/the removal) of dopamine 8. with dopamine	Life
561	<i>bind</i> <i>binds (597)</i>	v.	1. V n 2. V with n 3. V n to n	1. bind the variable/a disjunction/your sons /everything 2. bind with the rope 3. bind him to the mast/us to the world	Life
		n.	1. det N 2. in N 3. out of N	1. a bind 2. in a bind 3. out of a bind	
562	<i>simpler</i>	adj.	1. ADJ n 2. ADJ than n 3. ADJ for n 4. ADJ to-inf	1. simpler example/concepts/appearance/kind 2. simpler than Microsoft Kinect 3. simpler for one thing 4. it gets simpler to do it/it gest a little simpler to express that micromolar	Math/Comp
563	<i>covariance</i>	n.	1. det N 2. N n 3. n N 4. N between n 5. N of n	1. the/this covariance 2. covariance sigma/elements/matrix/formula 3. zero covariance 4. covariance between two assets 5. covariance of the return/two random variables	Math/Comp, Soc
564	<i>cancel</i>	v.	1. V n 2. V out	1. cancel classes/the loan/it/everything 2. cancel out	Math/Comp, Phys
565	<i>rotational</i>	adj.	1. ADJ n 2. ADJ to-inf 3. ADJ about n 4. ADJ for n 5. ADJ on n	1. rational practice/methodologies/manner 2. rational to embody the evolution process /ignore the sunk cost/purchase more 3. rational about that 4. rational for each person 5. rational on the sense	Phys
566	<i>works</i>	n.	1. det N 2. poss N 3. adj N 4. N of n 5. in N 6. of N	1. the/these works 2. his/Plato's works 3. important/classical/several/seminal works 4. works of literature/electronic literature /hypertext fiction 5. in the works 6. (other types) of works	Math/Comp, Human
		v.	1. V with n 2. V on n 3. V through n	1. works with Boyle/young people/children 2. works on this field 3. works through this	
567	<i>wind</i>	n.	1. det N 2. N n 3. N to-inf 4. adj N	1. the wind 2. wind instrument/constructions/farms/pres sure	Human, Phys

			5. N as n 6. N of n 7. in N 8. of N	3. wind to break the loosened pane 4. strong wind 5. wind as somebody/a hobo 6. wind of the façade 7. in the wind 8. (gods/a roar/the rush/sound/the key/the notion) of wind	
		v.	1. V n	1. wind his way/the Earth back/it up -*.wind up	
568	<i>neurotransmitters</i>	n.	1. det N 2. n N 3. ADJ n 4. by N 5. into N 6. of N	1. the/those/these neurotransmitters 2. peptide/molecule/amine neurotransmitters 3. chemical/different/mimic neurotransmitters 4. by neurotransmitters 5. into neurotransmitters 6. (the action/disposition/the presence/the effect) of neurotransmitters	Life
569	<i>summation</i>	n.	1. det N 2. ord N 3. N n 4. n N 5. adj N 6. N for n 7. N of n 8. N over n 9. in N 10. of N 11. within N	1. a/the/this summation 2. first summation 3. summation symbol/symbols/syntax/problem 4. vector/mixture summation 5. perfect/extra/outer/huge summation 6. summation for Batch gradient descent/ 7. summation of the music/the probability of B/ those PI squares/all the changes/all 8. summation over the entire training set/a hundred million terms/all the values of i 9. in the first summation, in the/this summation 10. (a clever change) of summation 11. within the summation	Math/Comp
570	<i>languages</i>	n.	1. det N 2. num N 3. poss N 4. n N 5. adj N 6. N for n 7. N of n 8. from N 9. in N 10. of N	1. these/those languages 2. 300/7000/6000 languages 3. their/our languages 4. sign/Japanese type/sister languages 5. human/semantic/other/natural/new languages 6. languages for computers/ 7. languages of the EU/the learner/our informants /the world/publication 8. from the languages 9. in languages, in sign languages, in all languages 10. (the sound/examples/dialects/a bunch/dozens) of languages, (one /speakers) of the languages	Human
571	<i>trigeminal</i>	adj.	1. ADJ n	1. trigeminal nerve/system/nucleus/tract/root	Life
572	<i>zhou</i>	n.	proper noun, Zhou 1. det N	Zhou 1. the Zhou	Human
573	<i>multiplying</i> <i>multiply (107)</i> <i>multiplied (484)</i>	v.	1. V n	1. multiplying square root/some syllables-	Math/Comp
		adj.	1. ADJ n	1. multiplying numbers	
		n.	1. det N	1. a/the multiplying	

574	<i>difference</i>	n.	1. det N 2. poss N 2. N n 3. n N 4. adj N 5. N between pl-n 6. N by n/-ing 7. N in n 8. N to n 9. of N 10. with N	1. the/a/this difference 2. their/its difference 2. difference principle 3. class/language difference 4. individual/marked/clear/social/big /crucial/chief/ great/main difference 5. difference between the present and the past/ these two poles/lower class and upper class 6. difference by providing positive ideas 7. difference in politeness/addressing people/ voicing /handshape 8. difference to other people's lives/kids' lives/the earlier generation/the kind of epics 9. (a scale) of difference, two opposite examples of this difference 10. with a small difference	Life, Phys
575	<i>strings</i> <i>string (101)</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N of n 6. from N 7. in N 8. of N 9. on N 10. with N	1. the/these/those strings 2. six/1000/four strings 3. input/guitar/text strings 4. long/fragile/low/tighter/middle strings 5. strings of words/coins/bases/digits/characters 6. from the strings 7. in the strings, in strings 8. (three units/pairs/sets/registers/the use/an array/the resonance) of strings 9. on the strings 10. with strings	Math/Comp, Human
		v.	1. V n	1. strings it/the bow *.strings out	
576	<i>hydrogens</i>	n.	1. det N 2. num N 3. poss N 4. adj N 5. of N	1. the hydrogens 2. two/four/five hydrogens 3. my hydrogens 4. remaining hydrogens 5. (the number/three) of hydrogens, (one/the other) of the hydrogens	Phys
577	<i>arrivals</i>	n.	1. det N 2. ord N 3. n N 4. adj N 5. for N 6. of N	1. the/these arrivals 2. first arrivals 3. photon/zero/different/customer arrivals 4. newer/consecutive/multiple arrivals 5. for arrivals 6. (a model/the number/the associate numbers) of arrivals	Math/Comp
578	<i>impedance</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N for n 6. N of n 7. N with n 8. of N	1. the/an impedance 2. impedance state 3. output/source/input impedance 4. equivalent/generalized/mechanical /large/low/ high impedance 5. impedance for a resistor/a capacitor/a spring/a mass/an inductor 6. impedance of a capacitor/an inductor/the inductor	Math/Comp

				7. impedance with this value 8. (the notion/this idea) of impedance	
579	<i>part</i>	n.	1. det N 2. poss N 3. ord N 4. n N 5. adj N 6. N of n 7. N with n 8. in N 9. on N	1. a/the/this part 2. my/his part 3. second/first/last part 4. bottom/key/body/winter/fun part 5. big/catholic/middle/favorite/another/ small/ normal part 6. part of the world/the appeal/Gall/the epic/ history /the brain 7. part with his theater family/the existing ruins /the attributes 8. in great/large part, in this part 9. on his part	Human, Life
		adv.	1. in ADV	1. in part	
		v.	1. V n 2. V from n	1. part the clouds 2. part from Alfredo	
580	<i>yellow</i>	n.	1. det N 2. adj N 3. in N 4. with N	1. the yellow 2. colored yellow 3. in yellow 4. with the yellow	Human, Life
		adj.	1. ADJ n 2. ADJ from n 3. ADJ in n 4. ADJ to n 5. ADJ -ing	1. yellow Sea/River 2. yellow from the observation 3. yellow in color/certain circumstances 4. yellow to normal people/this person/ the perceiver/red 5. yellow-looking	
581	<i>coursera</i>	n.	proper noun 1. N n 2. of N 3. on N 4. with N	-Coursera 1. Coursera course/community/group/students 2. (the word/part/another side) of Coursera 3. on Coursera 4. with Coursera	Life
582	<i>fatty</i>	adj.	1. ADJ n	1. fatty acids/meat/reserves/meats/fish	Life, Phys
		n.	1. det N	1. that fatty	
583	<i>consider</i>	v.	1. V n [imperative] /V n 2. V n to-inf 3. V n adj 4. V n n 5. V n as n 6. V -ing 7. V to-inf 8. consider that-	1. Consider a lump/astronomy consider an opera/Howard/a door 2. consider him to be good 3. consider him nice 4. consider themselves part of the government/it a type of extreme landscape/myself a visual writer 5. consider this as our conclusion 6. consider doing this 7. consider to be the witness 8. consider that there are lots of students/all women share this trait	Math/Comp, Life, Phys
584	<i>zeus</i>	n.	proper noun, name 1. by N 2. from N 3. of N 4. with N	-Zeus 1. by Zeus 2. from Zeus 3. (the daughter/power/a challenge) of Zeus 4. with Zeus	Human
585	<i>pavilion</i>	n.	proper noun 1. det N 2. poss N 3. N n 4. n N	-Baojin/Guanyin Pavilion (family name) 1. a/the/this pavilion 2. his pavilion 3. pavilion style/manner	Human

			5. adj N 6. N at n 7. N of n 8. N with n 9. from N 10. into N 11. of N 12. on N	4. square/story/rock/brick/waterside pavilion 5. viewing/wooden/small/special pavilion 6. pavilion at both sides/top/the site/the northernmost side 7. pavilion of Dule Temple/Yuan Dynasty 8. pavilion with double layers/round top 9. from the pavilion 10. into a pavilion 11. (every side/the platform) of the pavilion 12. on a pavilion	
586	<i>true</i>	adj.	1. ADJ n 2. ADJ about n 3. ADJ of n 4. ADJ by n 5. ADJ for n 6. ADJ from n 7. ADJ in n 8. ADJ on n 9. ADJ to n 10. it v-link ADJ to-inf 11. it v-link ADJ that-	1. true Odysseus/dreams/definition/version/story 2. true about cultural particulars/the relationship 3. true of every single food source/cattle/the tragedies/this 4. true by objective moral facts/definition 5. true for those of us/Homer 6. true from Mozart's days too/this 7. true in Bergman's case/these cases/some cultures 8. true on the facts/the back side 9. true to the basic story/yourself/our experience of the world/the music/Kent 10. it is true to say Keith could ride/say that 11. it is true that all humans have languages/it's true that English is spoken/it's also true that there are no rules	Math/Comp, Human
587	<i>liao</i>	n.	proper noun, surname 1. det N 2. N n 3. from N 4. in N 5. of N	-Liao 1. the Liao 2. Liao era/dynasty/architecture 3. from Liao 4. in Liao 5. (the souther capital/the historians/the periods) of Liao	Human
588	<i>recessive</i>	adj.	1. ADJ n 2. ADJ as n 3. ADJ to n 4. ADJ with n	1. recessive manner/fashion/traits/genes/dragon s 2. recessive as this person 3. recessive to the functional form/their functional alleles 4. recessive with incomplete penetrance	Life
589	<i>geometric</i>	adj.	1. ADJ n	1. geometric variables/sum/figure/period/ideas	Math/Comp
590	<i>perfectly</i>	adv.	1. ADV adv 2. ADV adj 3. ADV v	1. perfectly well/socially/normally/reasonably/then 2. perfectly true/fine/happy/ready/beautiful 3. perfectly made	Human
591	<i>mendel</i>	n.	proper noun, name	-Mendel	Life
592	<i>velocities</i>	n.	1. det N 2. poss N 3. n N	1. the/those velocities 2. our/their velocities 3. radio/wave velocities	Phys

			4. adj N 5. at N 6. of N	4. different/lower/identical/normal/high velocities 5. at high velocities 6. (addition/combining/a range) of velocities	
593	<i>diet</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. from N 8. in N 9. of N 10. on N 11. with N	1. the/a diet 2. their/his/your/our diet 3. diet composition 4. salt/low-protein/high protein diet 5. Greek/steady/ancient/healthy/bad/mixed diet 6. diet of couplet 7. from the diet 8. in a mixed diet, in the/his/my/your diet 9. (this kind/the role/the long-term effects) of diet 10. on a grain-based diet 11. with this diet	Life
594	<i>boolean</i>	adj./n.	1. ADJ n / N n	1. Boolean algebra/sum/product/expression	Math/Com, Phys
595	<i>protons</i> <i>proton (821)</i>	n.	1. det N 2. num N 3. adj N 4. N as n 5. N from n 6. N into n 7. of N	1. these/the protons 2. two/four protons 3. extra/free/many/charged/positive protons 4. protons as a compensation 5. protons from metabolism/this lactic acid 6. protons into the blood 7. (the number/the amount) of protons	Life, Phys
596	<i>binds</i> <i>bind (561)</i>	v.	1. V n 2. V to n	1. binds this/your hand/us/an oxygen/lactose 2. binds to the receptor/the cell/the enzyme	Life
597	<i>concretely</i>	adv.	1. ADV with n 2. ADV v 3. ADV, sentence...	1. concretely with Homer's Trojan war/the following example 2. concretely represent/illustrate a historical event/ means today 3. Concretely, I can also do color bar./Concretly, if you plot J as a f/Concretely, what this is is a real component/Concretely, let's say that you have a problem...	Math/Comp
598	<i>false</i>	adj.	1. ADJ n 2. ADJ by n 3. ADJ from n 4. ADJ in n 5. ADJ to n 6. ADJ to-inf 7. it v-link ADJ that-	1. false story/dreams/statement/confession 2. false by objective facts/finding a counter example 3. false from that observation/the preminse that.. 4. false in these words/other cultures 5. false to American driving customers' cars 6. false to stop what the user's doing/make the conjunction false 7. it is false that Brisbane is in New Zealand.	Math/Comp, Human
599	<i>atmosphere</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N in n 6. N of n	1. the/an atmosphere 2. our atmosphere 3. party/college atmosphere 4. religious/inspiring/different/musical atmosphere	Phys

			7. from N 8. in N 9. of N 10. out of N 11. with N	5. atmosphere in the hall/our department meetings/a tragedy 6. atmosphere of the Holly Alliance/solemnness/music/distrust/poetry/anomie 7. fro the atmosphere 8. in the atmosphere 9. (a disturbance/that clearing) of the artistic atmosphere 10. out of the atmosphere 11. with an atmosphere	
600	<i>kilometers</i>	n.	1. num N 2. N n 3. adj N 4. N of n 5. of N 6. on N 7. N adj	1. 500 kilometers 2. 10 kilometers a second/per second/an hour 3. square/a few kilometers 4. kilometers of ice/air 5. (thousands) of kilometers 6. on 700 kilometers 7. 10 kilometers high	Phys
601	<i>logistic</i>	adj.	1. ADJ n	1. logistic map/regression/function/compression	Math/Comp
602	<i>together</i>	adv.	1. v ADV 2. ADV with n 3. ADV to-inf	1. get/binds them/put/blend together 2. together with his colleague/those/the milk/the spark plug/ropes 3. together to increase their market power/be really interesting/form a polis	Human, Life, Phys
603	<i>important</i>	adj.	1. ADJ n 2. ADJ about n 3. ADJ between pl-n 4. ADJ for n 5. ADJ to n 6. ADJ to-inf 7. it v-link ADJ that- 8. it v-link ADJ to-inf 9. what v-link ADJ v-link that	1. important things/expansion/way/job/buildings/pagoda/thing/article/part 2. important about Descartes/the learning process 3. important between thinkers and computers/ price stability and employment 4. mportant for us/Locke/him/Virgil's story /its members/doing philosophy 5. important to distinguish/condemn/have 6. important to the public/your audience/ Athenian life/him/the articulation of the structure 7. it is important that he should leave Crete/that they think togethe/that we produce leaders 8. It is important to remember that/realize that/ reflect that/recognize that religion 9. what is important here is that you find a way	Human, Life
604	<i>globin</i>	n.	1. det N 2. N n 3. n N 4. adj N	1. the globin 2. globin gene 3. beta/alpha globin 4. normal/entire/ancestral globin	Life
605	<i>hobo</i>	n.	proper noun, name 1. det N 2. N n 3. as N 4. of N	-Hobo 1. a/the hobo 2. Hobo wind 3. as a hobo 4. (the stress/the opposite) of hobo	Human
606	<i>melody</i>	n.	1. det N	1. a/the/this melody	Human

			2. poss N 3. ord N 4. n N 5. adj N 6. N to-inf 7. N of n 8. N with n 8. of N 9. in N 10. with N 11. without N	2. his/our melody 3. first/two melody 4. string/tuba melody 5. beautiful/beloved/complete/lovely/ same /vocal /simple melody 6. melody to create 7. melody of the words 8. melody with bravado 9. (the representative/this sort) of the melody 9. in the melody 10. with melody 11. without any melody	
607	<i>coin</i>	n.	1. det N 2. poss N 3. n N 4. N n 5. adj N 6. of N	1. a/the coin 2. your coin 3. drachma/Roman coin 4. coin evidence/toss/flip/slot 5. small/same/Athenian coin 6. (the flip/the outcome/the side/the orientation) of the/a coin	Math/Comp
		v.	1. V n	1. coin a new word of expression	
608	<i>fibers</i>	n.	1. det N 2. n N 3. adj N 4. N to-inf 5. N of n 6. of N	1. the/those fibers 2. bamboo/muscle/gamma/diameter /collagen fibers 3. intrafusal/zonular/oxidative/several fibers 4. fibers to wear 5. fibers of the pons/the intrinsic muscles 6. (the size/number/type) of the fibers	Life
609	<i>fixed</i>	adj.	1. ADJ n	1. fixed expressions/concept/size/structures/ cost	Math/Comp
		v.	1. V n 2. (v-link) V on n 3. (v-link) V with n	1. fixed anything/my own car/all the facts 2. is fixed on the relevant quality/quantity/ the outer side 3. fixed with a set of eave	
610	<i>joules</i>	n.	1. num N 2. n N 3. adj N 4. N of n 5. in N	1. 100/six joules 2. mega joules 3. heading joules 4. joules of work/energy 5. in joules	Phys
611	<i>assignment</i>	n.	1. det N 2. ord N 3. num N 4. poss N 5. N n 6. n N 7. adj N 8. N about n 9. N for n 10. N of n 11. N on n 12. on N	1. the/a/this assignment 2. first/second assignment 3. one assignment 4. your assignment 5. assignment one 6. writing/bonus/journal assignment 7. another/weekly/interesting/random assignment 8. assignment about understanding meaning in design 9. assignment for the week/this course/you 10. assignment of capturing your morning ritual/ other participants 11. assignment on reflection 12. on the assignment	Math/Comp

612	<i>structure</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. N to n 8. N with n 9. in N 10. of N	1. the/a/this structure 2. its structure 3. structure layers 4. power/language/word/plot/community/timber/ stone structure 5. underlying/informal/linguistic/basic structure 6. structure of the cosmos/human society/tomb/ words/the universe/phonology 7. structure to the variation 8. structure with archers/dozens of wedges 9. in the structure 10. (the identical type/the sort/frame) of structure	Human, Life, Phys
		v.	1. V n	1. structure my thoughts/the course/ our basic understanding/the test/ the entire information space/the notes	
613	<i>simplify</i>	v.	1. V n	1. simplify it/the function/things	Math/Comp
614	<i>kinda</i>	adv.	1. ADV v 2. ADV adj	1. kinda tell/drop everything/ask you/thinking 2. kinda static/platonic/nice/funny	Math/Comp
615	<i>sequences</i> <i>sequence (169)</i> <i>sequencing (715)</i>	n.	1. det N 2. n N 3. adj N 4. N from n 5. N in n 6. N of n 7. in N 8. of N	1. these/the sequences 2. dream/lesson/DNA/protein/coding sequences 3. long /melodic/arbitrary/curricular sequences 4. sequence from real model organisms 5. sequences in lecture/each cell 6. sequences of movement/syllables and pictures/ moves/past outcomes 7. in coding sequences 8. (the kinds) of sequences	Life
616	<i>depending</i> <i>depends (845)</i>	v.	1. V upon/on n	1. depending on/upon different conditions/rituals /what the composer is	Math/Comp, Phys
617	<i>ionization</i>	n.	1. det N 2. N n	1. the ionization 2. ionization energy	Phys
618	<i>file</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. in N 8. of N 9. on N	1. the/a file 2. its/my file 3. file line/system/name/menu/tree/cabinet 4. text/computer/HTML/log/a plain text/leader file 5. little/encrypted/some other/separate/ executable file 6. file of the DNA chromosome/possible song ideas 7. in the/that/my own file 8. (the date/the name) of the file 9. on the file	Math/Comp
		v.	1. V n 2. V for n	1. file a suit/a friend/a normal statement/their taxes/a certificate 2. file for patents	
619	<i>plasticity</i>	n.	1. det N 2. n N 3. adj N 4. N of n	1. the plasticity 2. brain plasticity 3. synaptic/neural/cellular plasticity 4. plasticity of carving/neural circuits	Life

			5. N in n 6. for N 7. of N	5. plasticity in the same way 6. for plasticity 7. (the detriment/our understanding/the point/the opposite form) of plasticity	
620	<i>picker</i>	n.	proper noun, name	Picker	Soc
621	<i>interact</i>	v.	1. V n with n 2. V with n 3. V between n-pl 4. V by n 5. V upon n	1. interact himself with the neighbors/the local population 2. interact with the world 3. interact between neutral molecules 4. interact by their own gravity 5. interact upon one another	Life
622	<i>grams</i>	n.	1. num N 2. N n 3. N of n 4. by N 5. in N 6. of N	1. 200/20 grams 2. five grams per day/per cubic centimeter 3. grams of carbonhydrates/protein/fat/sodium/ the oxygen/lead surfur 4. by 500 grams 5. in grams 6. (a mass of 57/8) grams, (units) of grams	Phys
623	<i>bytes</i>	n.	1. proper noun, name 2. det N 3. num N 4. adj N 5. N of n 6. of N	1. Charles Bytes 2. the/these bytes 3. one billion/a million/four bytes 4. tiny bytes 5. bytes of a bitmap image/the block/memory/ 6. (this big bunch/a series/one long strip) of bytes	Math/Comp
624	<i>non-negative</i>	adj	1. ADJ n	1. non-negative integers/solutions/value/number	Math/Comp
625	<i>switching</i>	adj.	1. ADJ n	1. switching times/gears/topics/situation/costs	Phys
		v.	1. V n 2. V to n 3. V from n	1. switching attention/drivers 2. switching to a different key 3. switching from the three of the minute of the Count/talking about pain/the Satsuma example	
		n.	1. det N 2. poss N 3. N n 4. n N 5. by N	1. the switching 2. my switching 3. switching loss/transition/mechanism/frequency 4. time switching 5. by switching	
626	<i>location</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N for n 7. N of n 8. at N 9. by N 10. in N 11. on N	1. a/the location 2. our/its/his location 3. location connection 4. room/center location 5. fixed/remote/particular/physical/certain/natural /another location 6. location for my imaginary museum 7. location of metics/the structure/the bridges/the excavation/the performance 8. at this/a location 9. by location 10. in a location 11. on location	Math/Comp
627	<i>rule</i>	n.	1. det N 2. poss N	1. a/the rule 2. his/their/its rule	Math/Comp

			3. N n 4. n N 5. adj N 6. N by n 7. N of n 8. as N 9. of N 10. under N	3. rule plan/book 4. emergency/mob/modulus/majority rule 5. British/exclusive/Persian/royal/colonial rule 6. rule by the worthy/the hero 7. rule of signification/the first citizen/an imperial family/syntax 8. as a rule 9. (that position) of rule, (the laxity) of their rule, (the quality/traditional forms/any breach) of the rule 10. under their/the rule	
		v.	1. V n 2. V over n 3. V as n 4. V on n 5. V for n 6. V against n 7. V out n	1. rule Athens/China/Rome/Troy/the country 2. rule over everything/his country/the central plains/people/us 3. rule as an elite/an imperial presenc 4. rule on all matters 5. rule for the law school/Cheryl Hopwood 7. rule against Casey Martin 8. rule out the possibility/all worlds/the demon	
628	<i>carbons</i> <i>carbon (99)</i>	n.	1. det N 2. num N 3. poss N 4. n N 5. adj N 6. of N 7. on N 8. with N	1. the/those/these carbons 2. two/nine carbons 3. our carbons 4. hydrogen/oxidize carbons 5. middle/extra/additional carbons 6. (pairs/that pair) of carbons, (the masses/each/ the bonding) of the carbons 7. on carbons 8. with two carbons	Phys
629	<i>rows</i> <i>rows (780)</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N of n 6. in N 7. of N 8. with N	1. the/these rows 2. eight rows 3. leaflet rows 4. nice/countless/affected/multiple rows 5. rows of columns/the building/courtyards /dancers 6. in the rows, in rows 7. (a set/the number) of rows 8. with the rows	Math/Comp
630	<i>edx</i>	n.	proper noun	-EdX	Human
631	<i>infinite</i>	adj.	1. ADJ n 2. ADJ in n	1. infinite divisibility/regresses/universe/array/ capacity/chain/loop 2. infinite in both directions	Math/Comp
632	<i>trick</i>	n.	1. det N 2. ord N 3. poss N 4. N n 5. n N 6. adj N 7. N to-inf 8. N for n 9. N of n 10. N on n 11. N with n 12. by N	1. a/this/the trick 2. second trick 3. my trick 4. trick question 5. axe/magic/arrow/theater/ice skater/signal trick 6. good/deadly/little/methodological /neat/ clever /cunning trick 7. trick to avoid this confusion/get the minory carrier/ make gradient work	Math/Comp

			13. of N 8. trick for the pair/finding zeroes of a function 9. trick of recombination/cloning/the trade/this game/evolution/statistics 10. trick on that new integral 11. trick with schizophrenia/MTuner 12. by cool trick 13. (the first part) of the trick,		
		v.	1. V n 1. trick the gods/Athens/another human being/ them		
633	<i>argument</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N about n 7. N against n 8. N as n 9. N by n 10. N for n 11. N from n 12. N over n 13. at N 14. by N 15. of N 16. in N 17. with N	1. an/the/this argument 2. their/David Lewis'/Apollo's argument 3. knowledge/conceivability/parallel power/ paradox argument 4. sound/interesting/another/plausible argument 5. argument to deal/answer/show/be vaild 6. argument about democracy/the lifeboat/ the power/causal loops/free will 7. argument against the moral limits 8. argument as a list of sentences/propositions 9. argument by a philosopher/counter-example 10. argument for scientific realism/the difference principle/that thesis/scientific realism 11. argument from David Deutsch/the opponents 12. argument over details/the role/the next few years/the constituted order 13. at an argument 14. by an argument 15. (the kind/a different kind/the type/the details/ the conclusion/this style) of this argument 16. in the/this argument 17. with this argument	Math/Comp
634	<i>bramante</i>	n.	proper noun, name 1. by N 2. with N	-Bramante 1. by Bramante 2. with Bramante	Human
635	<i>intuition</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N about n 7. N as to wh- 8. N behind n 9. N for n 10. N of n 11. N overn 12. of N 13. on N 14. N that-clause	1. the/this intuition 2. our/your intuition 3. ability/standard/luck intuition 4. fundamental/basic/direct/same/moral intuition 5. intuition to influence the decision/help us/do this properly 6. intuition about knowing/daily returns/what is going on/what it represents/the content of the law 7. intuition as to why this might be true/what is going on 8. intuition behind them/the first cover ratio/this problem/why it is true	Math/Comp

				9. intuition for this result/the problem 10. intuition of body/aggressive commitment/this model/the neural network/what we did 11. intuition over data returns 12. (the purpose) of the intuition 13. on your human intuition 14. intuition that our labor can take something	
636	<i>differential</i>	adj.	1. ADJ n	1. differential effect/diagnosis/regions/access	Math/Comp
		n.	1. det N 2. n N 3. N between n-pl	1. a/the differential 2. pay/wage/price/order differential 3. differential between the rich and the poor	
637	<i>kelvin</i>	n.	proper noun, name	-Kelvin	Phys
638	<i>hydrophobic</i>	adj.	1. ADJ n	1. hydrophobic molecule/barrier/portions/tails	Life
639	<i>somatic</i>	adj.	1. ADJ n	1. somatic maps/motor/way/sensation	Life
640	<i>map</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N as n 7. N for n 8. N from n 9. N of n 10. at N 11. from N 12. in N 13. of N 14. on N 15. to N 16. with N	1. a/the/this map 2. our map 3. map layer/layers/platform/session 4. context map 5. large/contemporary/global/social/brief map 6. map as a way 7. map for the text itself 8. map from the UN Enable website 9. map of a different neighborhood/China/world literature/word trading/Beijing/the body/the world 10. at this map 11. from this map 12. (this kind/the relative importance/this sort) of map, (a part/the main point) of the/this map 13. in a/the/this map 14. on a/the map 15. to this map 16. with a map	Human
		v.	1. V n 2. V onto n 3. V to n 4. V n onto n 5. V as n	1. map a landscape/the people/a scale 2. map onto a landscape/these geographical locations 3. map to the interfaces 4. map these two central cultural values onto political and social dynamics 5. map as a way	
641	<i>frequency</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N for n 7. N of n 8. at N 9. by N 10. for N	1. the frequency 2. their frequency 3. frequency elements/trading/band/locations 4. recombination frequency 5. higher/high/low frequency 6. frequency for different settings/the numbers/a given bottle/women/cystic fibrosis 7. frequency of the use/behavioral	Math/Comp, Phys

			11. in N	disturbances/ droughts/attendance/the exposure/toxicity 8. at some low frequency, at the same frequency 9. by the frequency 10. for frequency 11. in the frequency	
642	<i>bacteria</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. by N 6. from N 7. in N 8. into N 9. of N 10. with N	1. these/the bacteria 2. your/my bacteria 3. Pneucoccus/mixture bacteria 4. rough/virulent/live/smooth/harmless bacteria 5. by bacteria 6. from the bacteria 7. in the/a bacteria 8. into the bacteria 9. (one load/this virulent strain/the whole genome /the number) of bacteria 10. with the bacteria	Life
643	<i>adding</i> <i>add (94)</i>	v.	1. V n 2. V n to n 3. V to n	1. adding an element/a bunch/two numbers 2. adding the new entry to the keyword/2 units to 3 units/a DC to the input 3. adding to imaginary numbers	Math/Comp
		adj.	1. ADJ n	1. adding color/actions	
		n.	1. det N 2. poss N 3. adj N	1. the/this adding 2. their adding 3. repeated adding	
644	<i>segment</i>	n.	1. det N 2. poss N 3. ord N 4. n N 5. adj N 6. N of n 7. for N 8. in N 9. of N	1. the/a segment 2. our segment 3. first/last/next segment 4. reading/market/line/target/custo mer/video segment 5. another/broader/particular/previo us/initial/ specific segment 6. segment of it/the last session/the ruling class/ the market/the small intestine/DNA 7. for this segment 8. in the first/last segment, in this/the segment 9. (the size/a tougher part/the end/that small piece/the top) of the segment	Life
		v.	1. V n 2. V n into n 3. V out n	1. segment the word/your offerings the brain 2. segment your study into population growth 3. segment out the individual characters	
645	<i>layers</i> <i>layer (164)</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N of n 6. in N 7. of N 8. with N	1. these/the layers 2. 5/three/two layers 3. muscle/cell/germ/water/surface layers 4. extra/various/different/multiple/thic k layers 5. layers of temples/clothes/history/problem to	Math/Comp, Life

				solve /meaning/neurons 6. in these/three layers, in layers, in its outer layers 7. (some sort/the number/a series) of layers 8. with many layers	
646	<i>covalent</i>	adj.	1. ADJ n	1. covalent bonds/bonding/protein binding/solids/ network	Life, Phys
647	<i>wavelengths</i> <i>wavelength (308)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N of n 6. at N 7. from N 8. in N 9. of N 10. to N	1. the/these wavelengths 2. our wavelengths 3. sound wavelengths 4. low/some/various/different/visible /short/longer /radiant wavelengths 5. wavelengths of light/around 10 microns/ 6. at visible/green/lower wavelenths, at wavelenths 7. from those wavelengths 8. in optical wavelengths 9. (very narrow band/a range/the absorption) of wavelengths 10. to certain wavelengths	Phys
648	<i>tract</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N as n 6. N of n 7. in N 8. of N 9. within N	1. the tract 2. tract infection/cancers/problem/images 3. GI/gracile tract 4. respiratory/gastrointestinal/digestive tract 5. tract as a processing plant 6. tract of this nucleus 7. in a tract 8. (the top/these different regions/the lumens) of the tract 9. within the GI tract	Life
649	<i>genotype</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N for n 7. N of n 8. of N 9. on N 10. with N	1. the genotype 2. your/its genotype 3. genotype picture 4. reference genotype 5. homozygous/common/actual/human genotype 6. genotype for your breeding program 7. genotype of the gamates/the cells/these plants 8. (two gamates/a function) of genotype, (the product) of the genotype 9. on the genotype 10. with a genotype	Life
650	<i>small</i>	adj.	1. ADJ n 2. ADJ as n 3. ADJ by n 4. ADJ for n 5. ADJ in n 6. ADJ to n 7. ADJ with n 8. ADJ to-inf	1. small portion/films/magazine/interactio n/region 2.-small as a one room/ten pieces 3. small by modern standards 4. small for a real hill 5. small in scale/size 6. small to us 7. small with the ladies 8. small to house all productions/really know our creator	Math/Comp, Phys
651	<i>liters</i>	n.	1. det N	1. the liters	Life,

	<i>liter (818)</i>		2. num N 3. N for n 4. N of n 5. in N 6. of N	2. 20/2/100/10/four liters 3. liters for the volume/the closed box design 4. liters of ammi/cumin/plasma/air/urine/blood volume/salt water 5. in liters 6. (a couple) of liters	Phys
652	<i>confucius</i>	n.	proper noun, name 1. N n 2. N of n 3. of N 4. to N	-Confucius 1. Confucius temples 2. Confucius of the Analects 3. (a true follower/the time/the disciple/the ultimate reverence) of Confucius 4. to Confucius	Human
653	<i>bottom</i>	n.	1. det N 2. poss N 3. adj N 4. N for n 5. N in n 6. N of n 7. at N 8. from N 9. in N 10. into N 11. on N 12. to N	1. the/a/this bottom 2. your/its bottom 3. very/any/extreme bottom 4. bottom for verisimilitude 5. bottom in a very wide area 6. bottom of a tank of water/a tube of water/the hill/the lifeboat/the universe/this page 7. at the bottom 8. from the/a bottom 9. in the bottom 10. into the bottom 11. on the bottom 12. to the bottom	Math/Comp, Phys
		adj.	1. ADJ n	1. bottom base/misery/rules/part/line/part/view	
		v.	1. V up	1. bottom up	
654	<i>secant</i>	n.	1. det N 2. n N 3. adj N 4. N of n 5. of N	1. the secant 2. log secant 3. negative/arc/tangent secant 4. secant of beta/alpha 5. (the derivative/the absolute value) of secant	Math/Comp
		adj.	1. ADJ n	1. secant theat/line/squared x/times	
655	<i>inequality</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N between n-pl 6. N in n 7. in N 8. of N	1. the inequality 2. inequality levels/question/index 3. wage/gender/income/wealth/radical inequality 4. economic/global/unfair inequality 5. inequality between you and me 6. inequality in its member states/the emerging economies 7. in inequality 8. (the basis/any type/this degree/situations/ system /levels) of inequality	Math/Comp, Soc
656	<i>pair</i> <i>pairs (520)</i>	n.	1. det N 2. ord N 3. poss N 4. n N 5. adj N 6. N of n 7. in N 8. of N	1. a/the/this pair 2. second/first pair 3. our pair 4. structuralist/base/flavor/twin pair 5. binary/single/homologous/extra pair 6. pair of lovers/jeans/duplicates/brothers/statues 7. in a pair 8. (the corresponding member) of	Math/Comp, Phys

				the pair	
		v.	1. V with 2. V n 3. V up	1. pair with the one 2. pair all the pieces 3. pair up	
657	<i>parietal</i>	adj.	1. ADJ n	1. parietal lobes/cells/cortex/muscles/network	Life
658	<i>gilgamesh</i>	n.	proper noun, name 1. N n 2. of N 3. in N 4. to N 5. with N	-Gilgamesh 1. Gilgamesh changes/rebels 2. of Gilgamesh 3. in Gilgamesh 4. to Gilgamesh 5. with Gilgamesh	Human
659	<i>hopefully</i>	adv	1. ADV adv 2. ADV v 3. ADV adj 4. ADV prep n	1. hopefully maybe/once 2. hopefully get 3. hopefully peaceful 4. hopefully from contemporary events/with concordia	Math/Comp, Phys
660	<i>three</i>	number	number N	1. 3 people	Math/Comp
661	<i>tonic</i>	n.	1. det N 2. poss N 3. N n 4. adj N N of n	1. a/the tonic 2. our tonic 3. tonic pitch/function/control/activity 4. basic/original/expected/final tonic tonic of the scale	Human
		adj.	1. ADJ n	1. tonic chords/contraction	
662	<i>blood</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N of n 6. from N 7. in N 8. into N 9. of N 10. with N	1. the/this/large/more blood 2. their/my/your blood 3. blood guilt/avengers/bath/relations/connection 4. evil/pure/immortal blood 5. blood of blacks/senses/Christ/the corpse/the earth 6. from that blood 7. in cold blood, in blood 8. into the blood 9. (a notion/the triumph/purity/contagion/part/a strong endorsement) of blood 10. with blood	Life
663	<i>aeneas</i>	n.	proper noun 1. for N 2. of N 3. in N 4. with N	-Aeneas 1. for Aeneas 2. (this figure) of Aeneas 3. in Aeneas 4. with Aeneas	Human
664	<i>brainstem</i>	n.	1. det N 2. poss N 3. N n 4. from N 5. in N 6. of N	1. the brainstem 2. our brainstem 3. brainstem model 4. from the brainstem 5. in the brainstem 6. (the divisions/a tour/the upper part/the view/ anterior region/the core) of the brainstem	Life
665	<i>rewrite</i>	v.	1. V n 2. V n to n 3. V n with n	1. rewrite Homer/the paper/the book 2. rewrite Lexia to Perplexia 3. rewrite the battery paper with some fictional example	Math/Comp, Phys
666	<i>k-means</i>	n.	1. det N 2. for N 3. of N	1. that k-means 2. for k-means 3. (local optima/one random initialization/the odds) of k-means	Math/Comp
667	<i>cities</i>	n.	1. det N 2. poss N 3. n N	1. the/these cities 2. its cities 3. future/port/mega/jar cities	Human

			4. adj N 5. N to-inf 6. N in n 7. N into n 8. N of n 9. N to n 10. in N 11. of N 12. to N 13. within N	4. advanced/Chinese/few/resilient/great cities 5. cities to lower temperature/contribute their own data 6. cities in the south 7. cities into places/these/two parts 8. cities of their times/this square style/the Han dynasty/this period 9. cities to a degree 10. in cities, in many cities 11. (the fates/the finding/their conquest/the type /the role) of cities 12. to cities 13. within cities	
668	<i>kernel</i>	n.	1. det N 2. n N 3. adj N 4. N of n 5. for N 6. in N 7. of N 8. with N 9. without N	1. the kernel 2. string/chi-square/the histogram kernel 3. Gaussian/linear/common/polynomial kernel 4. kernel of truth/what will eventually become the Etruscans/pepper 5. for a little kernel 6. in the/a kernel 7. (the similarity) of the kernel 8. with a kernel 9. without a kernel	Math/Comp
669	<i>eaves</i> <i>eave (991)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N at n 8. N for n 9. N in n 10. N of n 11. at N 12. by N 13. of N 14. on N 15. under N 16. with N	1. the eaves 2. its eaves 3. eaves building/halls/columns/purlins 4. multi-layer/timber eaves 5. dense/upper/deep/upswept/front eaves 6. eaves to save/mitigate/become 7. eaves at the upper edge 8. eaves for the levels/shade and breeze/ the first level 9. eaves in a dainty form/real life/the wall 10. eaves of the pagoda 11. at the front/outer/back eaves, at the eaves 12. by the deep eaves 13. (the height/six sets/the length/the layers) of eaves 14. on the eaves 15. under the eaves 16. with the eaves	Human
670	<i>vitamin</i>	n.	1. det N 2. N n 3. adj N 4. in N 5. of N	1. a/this/the vitamin 2. vitamin A/D/C/B 3. insufficient/extra/active/free vitamin 4. in vitamin A 5. (a form/the cycling/the importance/the pool/ the presence /a dose) of vitamin	Life
671	<i>jupiter</i>	n.	proper noun 1. N n 2. n N 3. adj N 4. for N	-Jupiter 1. Jupiter orbit/mass/size/radius/analogues 2. the planet Jupiter 3. super/largest Jupiter	Phys

			5. of N	4. for Jupiter 5. (the temple/the case/the orbit/the tidal force/ the size) of Jupiter	
672	<i>copy</i> <i>copies (982)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. 7. N as n 7. N of n 8. N to n 9. in N 10. of N 11. to N 12. with N	1. a/the copy 2. his/my/our copy 3. copy codex/rights/machines/licenses/protection 4. carbon/wild type/pink copy 5. Roman/faithful/particular/digital copy 6. copy as a privilege 7. copy of Homer/the Iliad/a Greek original/the statue/ his own complete works 8. copy to the parameters/the caller 9. in the copy 10. (any sense) of copy, the purchase of one copy, a version of the copy, the possession of that copy 11. to a copy 12. with a copy	Math/Comp, Life, Soc
		v.	1. V n 2. V n from n	1. copy the great texts/the strategies 2. copy the basics from the original	
673	<i>list</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N of n 6. at N 7. from N 8. of N 9. in N 10. into N 11. on N 12. with N	1. a/the list 2. our/your list 3. book/company/basis/book/gift/reading list 4. geographical/complex/long/whole/short list 5. list of painters/empirical judgments/rules/issues/sentences/references/books/ 6. at a/this/the list 7. from the/this/a list 8. (the top/the bottom/the advantage/the end/the elements) of a/the list 9. in a/the/this/your list 10. into a long list, into the/this list 11. on the/my list 12. with a list	Math/Comp
		v.	1. V n 2. V n for n 3. V n from n	1. list one man/requirements/the targets/ density/ perfect rhymes 2. list requirements for the proposition 3. list all the functions from the natural numbers	
674	<i>object</i>	n.	1. det N 2. poss N 3. adj N 4. N of n 5. N to n 6. of N 7. on N 8. for N 9. from N 10. to N	1. the/an object 2. their/my/its object 3. physical/given/abstract/external/external/round /finished object 4. object of experience/the passionate and inventive research/reference/my reflection 5. an object to other people/arbitration 6. on that/the object 7. of a given object, (part/the lines) of the object 8. for an/the/this object 9. from an/the/this object	Math/Comp, Phys

				10. to an/the object	
		v.	1. V to n	1. object to such customs/the first premise/ the knowledge argument	
675	<i>presynaptic</i>	adj.	1. ADJ n	1. presynaptic terminal/cell/nerve/neuron	Life
676	<i>visceral</i>	adj.	1. ADJ n	1. visceral reaction/response/emotion/ motor	Life
677	<i>phenotypes</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N of n 6. of N 7. with N	1. those/the phenotypes 2. our/their phenotypes 3. wing/target/flower/pea phenotypes 4. different/recessive/dominant/human/clinical/ unusual phenotypes 5. phenotypes of algae 6. (many kinds/the kinds) of phenotypes, inheritance of the phenotypes 7. with the phenotypes	Life
678	<i>romans</i>	n.	1. det N 2. adj N 3. by N 4. from N 5. of N 6. to N 7. with N	1. the Romans 2. classical/ancient Romans 3. by the Romans 4. from the Romans 5. (the great lawyers/sophistication/the hearts/ the pottery) of the Romans 6. to the Romans 7. with the Romans	Human
679	<i>reactant</i>	n.	1. det N 2. poss N 3. adj N 4. N as n 5. N for n 6. N of n 7. N to n 8. of N	1. the reactant 2. our reactant 3. particular/limiting reactant 4. reactant as a function of time 5. reactant for that process/the back reaction 6. reactant of the materials 7. reactant to a certain energy/ 8. (the concentration/moles/the volume) of the reactant	Phys
680	<i>anomaly</i>	n.	1. det N 2. N n 3. adj N 4. N in n 5. of N	1. an/this anomaly 2. anomaly detection 3. another/warm anomaly 4. anomaly in western music 5. (a totally new type/that type) of anomaly	Math/Comp
681	<i>phosphorus</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. in N 6. of N	1. a/this phosphorus 2. phosphorus levels/requirements/fertilisers/cycle 3. fossil/excess/soil phosphorus 4. radioactive/radio-labeled/extra/unused phosphorus 5. in phosphorus 6. (two forms/the uptake/four inputs/a substantial loss/the amount) of phosphorus	Life, Phys
682	<i>stochastic</i>	adj.	1. ADJ n	1. stochastic equilibrium/backgrounds/calculus	Math/Comp
683	<i>rome</i>	n.	location name 1. adj N 2. in N 3. of N	-Rome 1. classical/ancient Rome 2. in Rome 3. (a nation/high walls/the walls/an identity/the founding/the city/the rise) of Rome	Human
684	<i>yeast</i>	n.	1. det N 2. poss N	1. the yeast 2. our/your yeast	Life

			3. N n 4. adj N 5. in N 6. of N	3. yeast juice/culture/cells/mutant/plasmid 4 physical/defective/normal yeast 5. in yeast 6. (my test tube/a plate/a bunch/strains) of yeast	
685	<i>cerebellar</i>	adj.	1. ADJ n	1. cerebellar peduncle/cortex/plasticity/tract	Life
686	<i>converges</i>	v.	1. V into n 2. V to n 3. V on n	1. converges into groups 2. converges to a small set 3. converges on the same answer	Math/Comp
687	<i>bumper</i>	adj.	1. ADJ n	1. bumper car/cars	Phys
		n.	1. N n	1. bumper sticker/cars	
688	<i>parasympathetic</i>	adj.	1. ADJ n	1. parasympathetic systems/divisions/ outflow/ nucleus	Life
		n.	1. det N	1. the parasympathetic	
689	<i>initialize</i>	v.	1. V n	1. initialize the variable/words/the index	Math/Comp
690	<i>iteration</i>	n.	1. det N 2. ord N 3. N n 4. n N 5. adj N 6. N of n 7. N with n 8. in N 9. of N	1. the/this/an iteration 2. first/fourth/third iteration 3. iteration segments 4. future iteration 5. another/previous/normal/whole iteration 6. iteration of the loop/the tonic major/this longer chain 7. iteration with actual end/experts 8. in the/every/each iteration 9. (the possibility) of iteration	Math/Comp
691	<i>potentials</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N from n 7. N of n 8. in N	1. 2. their potentials 3. error/action/grade/membrane/node potentials 4. electrical/academic/universal potentials 5. potentials to increase/be additive/decide whether or not 6. potentials from those neurons 7. potentials of the film narrative/issues/step 2 8. in potentials	Life
692	<i>metres</i> <i>meters (232)</i> <i>meter (741)</i>	n.	1. num N 2. N adj 3. N in n 4. N of n 5. in N	1. 13.36 metres 2. 22.7 meters deep/wide 3. 25 metres in depth 4. metres of solid concrete 5. in metres	Human, Phys
693	<i>differentiable</i>	adj.	1. ADJ n 2. ADJ at n 3. ADJ by n 4. ADJ on n 5. ADJ for n	1. differentiable function 2. differentiable at zero/a point 3. differentiable by assumption 4. differentiable on the domain/the whole interval 5. differentiable for inputs	Math/Comp
694	<i>page</i>	n.	1. det N 2. ord N 3. num N 4. poss N 5. N n 6. n N 7. adj N 8. N to-inf 9. N of n	1. a/the/this page 2. first/last page 3. one page 4. its page 5. page numbers 6. course/Facebook/discussion/title/community/ cover page 7.	Math/Com, Human

			10. N from n 11. N on n 12. at N 13. of N 14. on N	single/opening/printed/entire/another/same/ saved page 8. page to see/read 9. page of the Bible/a different size/dialogue/his edition 10. page from a manuscript/the novel/the university 11. page on the slide 12. at page 305 13. (the top/the bottom) of the page 14. on its/this/a/the page, on page 395	
695	<i>dots</i> <i>dot (183)</i>	n.	1. det N 2. num N 3. poss N 4. adj N 5. N of n 6. in N 7. of N 8. with N 9. without N	1. these/those/the dots 2. two/four dots 3. our dots 4. blue/little/red dots 5. dots of tombs 6. in dots 7. (each/a column/little pairs/this distinct pattern/ the number/the color) of dots 8. with green dots 9. without dots	Math/Com, Phys
696	<i>transformer</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. in N 7. of N 8. to N	1. a/the/this transformer 2. our transformer 3. transformer core/scales/model 4. utility transformer 5. ideal/usual/magnetic transformer 6. in a transformer 7. (the operation/the size) of transformer 8. to our transformer	Phys
697	<i>satsuma</i>	n.	1. det N 2. of N	1. a/the satsuma 2. (the case/the color/the shape) of the satsuma	Human
698	<i>decimal</i>	adj.	1. num ADJ 2. ADJ n	1. three/four decimal 2. decimal places/point/number/digits/system	Math/Com, Phys
		n.	1. det N 2. in N	1. a decimal 2. in decimal	
699	<i>connected</i> <i>connect (809)</i>	v.	1. (v-link) V to n 2. (v-link) V by n 3. V n with n 4. (v-link) V with n 5. (v-link) V in n 6. V n 7. (v-link) V as n 8. (v-link) V into n 9. (v-link) V through n	1. is connected to China/politics/his ideas 2. are connected by a central axis/a corridor/a road 3. connected it with columns/myself with people 4. is connected with things/morality/our color experiences 5. is connected in a group/Virgil's treatment 6. connected architectural concepts/the capital 7. is connected as a whole 8. is connected into a single mathematical world 9. was connected through the definition	Math/Comp, Phys
		adj.	1. ADJ n 2. ADJ to n 3. ADJ with n	1. connected rhyme/events/graph/things/mind 2. connected to the Hindu religion/each other/a larger garden/the flat tiles/your behaviors 3. connected with evil/the	

				people/your nationality /the course/something	
700	<i>centroid</i>	n.	1. det N 2. N n 3. n N 4. N of n	1. the centroid 2. centroid step 3. cluster centroid 4. centroid of the cross section	Math/Comp
701	<i>opposite</i>	adj.	1. ADJ n 2. ADJ in n 3. ADJ to n	1. opposite project/gender/one/force/ reaction 2. opposite in our experience/direction 3. opposite to that/each other/the motion/ this concept/the idea of a pyramid/Gilgamesh	Life, Phys
		prep.	1. n PREP n 2. v PREP n 3. adv PREP n 4. v-link PREP n (PREP n)	1. acceleration opposite the velocity 2. move opposite the direction 3. right opposite the door 4. is opposite the change	
702	<i>right-hand</i>	adj.	1. ADJ n	1. right-hand side/score/corner/driving	Math/Comp
703	<i>basically</i>	adv.	1. ADV v	1. basically reflects the terminations	Human
704	<i>opera</i>	n.	1. det N 2. ord N 3. poss N 4. N n 5. n N 6. adj N 7. N by n 8. N from n 9. N of n 10. N with n 11. at N 12. in N 13. of N 14. out of N 15. with N	1. an/the opera 2. first opera 3. his/Mozart's opera 4. opera house/performance/composer/star 5. baroque/Italian language/soap opera 6. metropolitan/enduring/occasional/comic opera 7. opera by Haydn 8. opera from Mozart's time 9. opera of lasting performance 10. opera with those kinds 11. at the Metropolitan Opera, at the opera 12. in his/our opera, in opera 13. (the birth place/the center/the kind/the glamour) of opera, (phantom) of the opera 14. out of his opera 15. with opera	Human
705	<i>forebrain</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N of n 6. in N 7. of N	1. the forebrain 2. our forebrain 3. forebrain structures/region 4. limbic/developing/basal forebrain 5. forebrain of the medial temporal lobe 6. in the forebrain 7. (the core/the posterior part/medial pars/the center/the structure) of the forebrain	Life
706	<i>vestibular</i>	adj.	1. ADJ n	1. vestibular hair/cells/labyrinth/system	Life
707	<i>agamemnon</i>	n.	proper noun 1. det N 2. adj N 3. in N 4. of N 5. with N	-Agamemnon 1. that Agamemnon 2. superior/real Agamemnon 3. in the Agamemnon 4. (the death/the story) of Agamemnon 5. with Agamemnon	Human
708	<i>building</i>	n.	1. det N 2. poss N 3. N n	1. a/the/this building 2. Alberti's/our/my building 3. building	Human

	<i>build (487)</i>		4. n N 5. adj N 6. N for n 7. N from n 8. N of n 9. in N 10. of N 11. out of N	construction/artisan/blocks/sites 4. law/folk/city/core/brick/steel building 5. iconic/fantasticlofty /another / independent/ original building 6. building for Christian prayer/a normal family 7. building from the distribution network 8. building of a temple/the entire college/a city 9. in the building 10. (parts) of the building, (that bottom layers/a new type) of the building, (the beauty) of this building 11. out of this building	
		v.	1. V n 2. V on n 3. V n in n 4. V n through n	1. building a temple/your choruses/the wall /a column/new mines/grades 2. building on older myths 3. building them in particular sites 4. building this through this mythic form	
709	<i>path</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N between pl-n 8. N for n 9. N from n 10. N of n 11. N to n 12. by N 13. from N 14. of N 15. in N 16. out of N 17. on N 18. to N 19. with N	1. a/the/this path 2. their/your/its/his path 3. path dependence/length/link/way 4. mountain/life/sewage/crimson path 5. different/clear/certain/logical/curved path 6. path to get there/follow/go/go to one state 7. path between the premise and conclusion/those two extremes 8. path for children/Chinese history/going forward 9. path from the entry/the entry or fauces 10. path of acquisition/imaging/all/renewed war/ inquiry/a tram/what happened in the past 11. path to the unobserver explosion/success/this development/the river and ponds 12. by the path 13. from the path 14. (a big cause) of path, 15. in the/each path 16. out of the path 17. on a/the/your path 18. to the path 19. with the path	Phys, Soc
710	<i>millimeters</i>	n.	1. det N 2. num N 3. N of n	1. the millimeters 2. 170/40 millimeters millimeters of mercury/visual cortex	Life, Phys
711	<i>computer</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. at N 7. by N 8. from N	1. a/the computer 2. your/my computer 3. computer program/model/screen/age/browser 4. notebook computer 5. programmable/hydraulic/whole /digital/good computer 6. at my/a computer	Math/Comp

			9. of N 10. in N 11. on N 12. to N 13. within N	7. by a computer 8. from the computer 9. (the use/the operating system/the side/the power) of a/the computer 10. in a/the computer 11. on a/the/your computer 12. to the computer 13. within the computer	
712	<i>pause</i>	v.	1. V for n 2. V n	1. pause for a few minutes/a moment 2. pause it/the video	Human, Life, Comp/Math, Phys, Soc
		n.	1. det N 2. N n 3. adj N 4. N to-inf 5. N between n-pl 6. N for n 7. N of n	1. a/this pause 2. pause cadence/button 3. quick/little/another/long pause 4. pause to see if ... 5. pause between words 6. pause for a moment/a couple of seconds 7. pause of goodwill/psychology	
713	<i>load</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N of n 6. by N 7. of N 8. with N	1. a/the load 2. load positioner/bearing/chunk/resistance/power 3. memory/language/medication/work/case load 4. huge/observational/usual/high/viral/heavy load 5. load of silver/bricks/literary materials/your body 6. by load 7. (a great share) of the load 8. with no load	Math/Comp, Phys
		v.	1. V n 2. V n with n 3. V n onto n 4. V n on n 5. V up	1. load everybody/a computer/new trips/ your own language 2. load a computer with P 3. load it onto any machine 4. load everybody on the research vessel 5. load up	
714	<i>sequencing</i> <i>sequence (169)</i> <i>sequences (616)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. at N 8. by N 9. in N 10. from N 11. of N 12. on N	1. the sequencing 2. your sequencing 3. sequencing skills/gel/reaction/machines 4. DNA/genome/exome sequencing 5. linear/fluorescent sequencing 6. sequencing of genomes 7. at linear sequencing 8. by sequencing 9. from sequencing 10. in DNA sequencing 11. (amazing feats) of sequencing 12. on the sequencing	Life
		v.	1. V n	1. sequencing single genomes/the gene/ancient DNA	
715	<i>capacitors</i> <i>capacitor (209)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. from N 6. in N 7. of N 8. with N	1. these capacitors 2. our capacitors 3. millifarad/shunt capacitors 4. available/ceramic/electrolytic/little capacitors 5. from capacitors 6. in capacitors, in the capacitors 7. (different types/other types/a number/the context) of capacitors 8. with the capacitors	Math/Comp

716	<i>principle</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N against n 7. N by n 8. N of n 9. for N 10. in N 11. of N 12. on N	1. a/this principle 2. your principle 3. principle limitation 4. core/difference/design principle 5. moral/good/structural/basic/same principle 6. principle against those liberals 7. principle by the following line of reasoning 8. principle of culture diversity/equal basic liberties /the cube/the universe/water 9. for your principle 10. in principle 11. (a matter) of principle 12. on the principle	Phys
717	<i>parentheses</i>	n.	1. det N 2. num N 3. poss N 4. n N 5. adj N 6. N for n 7. from N 8. in N 9. of N 10. with N 11. within N 12. without N	1. these/those/the parentheses 2. two/100 parentheses 3. your/its parentheses 4. max parentheses 5. missing/empty/extra/open parentheses 6. parentheses for that 7. from parentheses 8. in parentheses, in the parentheses 9. (a set/this outer set) of parentheses 10. with parentheses 11. within the parentheses 12. without the parentheses	Math/Comp
718	<i>constants</i>	n.	1. det N 2. n N 3. adj N 4. of N	1. the/those constants 2. rate/equilibrium constants 3. elastic/independent/unknown constants 4. (this peace/some/the sum) of constants	Math/Comp, Phys
719	<i>millivolts</i>	n.	1. num N	1. zero/85 millivolts	Life
720	<i>nucleotides</i>	n.	1. det N 2. poss N 3. num N 4. n N 5. adj N 6. in N 7. of N 8. with N	1. these nucleotides 2. our nucleotides 3. 1000/four nucleotides 4. DNA nucleotides 5. new/same/different nucleotides 6. in nucleotides 7. (a long stretch/a collection) of nucleotides 8. with nucleotides	Life
721	<i>palaces</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N of n 6. by N 7. of N	1. the/these palaces 2. their palaces 3. celebration/Qin palaces 4. big/massive/dominant/imperial palaces 5. palaces of the time 6. by palaces 7. (remains/the magnificence/two sets/a group/ the images) of the palaces	Human
722	<i>compounds</i>	n.	1. det N 2. n N 3. adj N 4. N of n 5. N with n 6. in N 7. of N	1. these/those compounds 2. architecture/building/dance compounds 3. residential/entire/average/organic compounds 4. -compounds of H2O/metals and non-metals/this composition 5. -compounds with a tree/multiple courtyards 6. in these compounds	Phys

				(the same type/this class/the masses/the number) of compounds	
723	<i>cube</i> <i>cubed (237)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. by N 8. in N 9. of N	1. a/the cube 2. our/my cube 3. cube root/lattice/shape 4. ice/glass/necker/unit/sugar cube 5. little/new cube 6. cube of side length x/the size of the house 7. by a cube 8. in the cube 9. (the form) of a cube	Math/Com, Phys
		v.	1. V n	1. cube that/it/this number	
724	<i>telescope</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N for n 8. for N 9. from N 10. in N 11. into N 12. of N 13. on N 14. with N	1. a telescope 2. our/your/my telescope 3. telescope engineering 4. Hubble/Kepler/radio/space telescope 5. australian/small/larger/refractive/big telescope 6. telescope to be set up on 7. telescope for following them up/the follow-up 8. for a telescope 9. from the telescope 10. in the/this telescope, in a regular telescope 11. into the telescope 12. (the metaphor/the top/the side/the bottom/ part) of a telescope 13. on this telescope 14. with the telescope	Phys
725	<i>calculating</i> <i>calculate (63)</i>	v.	1. V n	1. calculating this	Math/Comp
		adj.	1. ADJ n	1. calculating numbers/power/points/world	
		n.	1. det N 2. in N	1. a calculating 2. in a calculating	
726	<i>nutrients</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. by N 6. for N 7. of N 8. with N	1. those/the/these nutrients 2. its nutrients 3. bladder/carbon nutrients 4. various/major/other/dietary/main nutrients 5. by nutrients 6. for nutrients 7. (a vat/absorption/the flow/a basic understanding) of nutrients 8. with the nutrients	Life, Phys
727	<i>prefrontal</i>	adj.	1. ADJ n	1. prefrontal cortex/lobe/division/networks	Life
728	<i>durkheim</i>	n.	proper noun	-Durkheim	Soc
729	<i>dome</i>	n.	1. det N 2. n N 3. adj N 4. N to-inf 5. N of n 6. N with n 7. in N 8. of N 9. under N 10. with N 11. under N	1. the/a dome 2. Pantheon/Byzantine/shape/MIT/lava dome 3. circular/big/original/round/magnificent/ green/ shallow/impressive/golden dome 4. dome to attest his faith 5. dome of Santa Maria del Fiore 6. dome with the pendentive/their	Human

				icons 7. in the dome 8. (the base/the bubblem/the top) of the dome 9. under the dome 10. with a dome 11. under the dome	
730	<i>micHEL</i>	n.	proper noun	-Michel	Math/Comp
731	<i>pod</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N from n 6. of N	1. a/the pod 2. pod color 3. building/escape/seed/skate/tone pod 4. green pod 5. pod from his spaceship/ 6. (the velocity) of the pod	Phys
732	<i>socrates</i>	n.	proper noun, name 1. adj N 2. of N 3. with N	-Socrates 1. historical Socrates 2. (an account/a student/the death) of Socrates 3. with Socrates	Human
733	<i>epithelium</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N of n 6. in N 7. of N	1. the/an epithelium 2. epithelium cuboidal/squamous 3. tubule epithelium 4. thin/leaky/glandular/membranous /nasal /sensory/ pigmented epithelium 5. epithelium of the glomerulus/the kidney tubule 6. in the epithelium 7. (the type) of epithelium	Life
734	<i>homeric</i>	adj.	1. ADJ n	1. Homeric hymn/style/adventure/world/tradition /antecedents/Troy/scale/way	Human
735	<i>physicalism</i>	n.	1. of N	1. (the sense/a form/the thesis) of physicism	Human
736	<i>helium</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. out of N 6. of N 7. with N	1. a helium 2. their/our helium 3. helium nucleus/atom/gas/atmosphere 4. burning helium 5. out of the burning helium 6. (the structure/one mole) of helium 7. with a helium	Phys
737	<i>myosin</i>	n.	1. det N 2. N n 3. of N	1. the myosin 2. myosin head/hit 3. (the end) of myosin	Life
738	<i>mathematically</i>	adv.	1. ADV v 2. ADV adj	1. mathematically evolve/speaking/solve/write 2. mathematically pure	Math/Comp
739	<i>inverter</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. of N	1. an/the/this inverter 2. our inverter 3. inverter circuit/input/output/characteristics 4. simple/abstract inverter 5. (the input/output) of the inverter	Math/Comp, Phys
740	<i>meter</i> <i>meters (232)</i> <i>metres (693)</i>	n.	1. det N 2. num N 3. n N 4. N n 5. adj N 6. N in n 7. N of n 8. of N 9. in N	1. a/the meter 2. 100 meter high 3. square/newton meter 4. meter dash/diameter/telescope/times/ stick /trees /traps 5. cubic/square/triple meter 6. meter in one second/music 7. meter of water/wall/the	Phys

			10. of N	earth/magnetic field 8. billionths/millionth of a meter 9. in a meter 10. (length/billionths) of a meter	
741	<i>moves</i> <i>move (423)</i>	v.	1. V n 2. V into n 3. V from n 4. V to n 5. V out of n 6. V through n	1. moves you/her family 2. moves into English/a venue/academy 3. moves from one part of the world to another 4. moves to the cost 5. moves out of that triad 6. moves through many different keys	Phys
		n.	1. det N 2. poss N 3. n N 4. adj N 5. N from n 6. N about n 7. in N 8. of N	1. the/those moves 2. their moves 3. power/joint/stock moves 4. final/certain/many/nasal/legitimate/key moves 5. moves about marriage 6. moves from that box 7. in the moves 8. (the family kind/memories of sequences) of moves	
742	<i>recombination</i>	n.	1. det N 2. N n 3. adj N 4. N of n 5. N in n 6. by N 7. of N	1. the recombination 2. recombination frequency/event 3. greater/genetic/homologous recombination 4. recombination of ideas/those new ideas/the proton 5. recombination in males/females 6. by recombination 7. (the awesome power/the power/the chance/ the frequencies /the trick) of recombination	Life
743	<i>disjoint</i>	adj.	1. ADJ n 2. ADJ from n 3. ADJ with n	1. disjoint sound/events/pattern/pieces/unions 2. disjoint from each other/the piece of C/one another 3. disjoin with each other	Math/Comp
744	<i>pointer</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to n 7. in N 8. of N 9. with N	1. the/this/a pointer 2. my pointer 3. pointer type/fun/assignment/rules 4. laser/mouse pointer 5. special/legitimate pointer 6. pointer to this area/the stack/the head/this node/ the cost function 7. in a pointer 8. (the absence/the size) of a pointer 9. with my pointer	Math/Comp
745	<i>excitatory</i>	adj.	1. ADJ n	1. excitatory synapse/neurotransmitter/inputs	Life
746	<i>heat</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N at n 6. N from n 7. N of n 8. N without n 9. by N 10. from N 11. in N 12. of N 13. with N	1. the heat 2. heat source/pump/waves/map/capacity/flow 3. Miami/excess/waste heat 4. incredible/internal/extreme/free/thermal heat 5. heat at high/low temperatures 6. heat from the sensation/the air conditioners 7. heat of the midday sun/job interviews/the reaction 8. heat without molecular kinetic	Phys

				energy/MKE 9. by the heat 10. in the heat 11. from the heat 12. (the main source/the sensation/the absence/a large amount) of heat 13. with heat	
		v.	1. V n 2. V up n	1. heat the rocks/residential buildings 2. heat up the metal/marble/the studio	
747	<i>platforms</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N for n 6. N of n 7. N with n 8. of N 9. on N	1. the/these platforms 2. our platforms 3. learning/earth/video/TV/media platforms 4. digital/conceptual/many/new/open platforms 5. platforms for collaboration/new partnership 6. platforms of details/deities/economic production 7. platforms with navigation 8. of digital platforms, (the economics) of platforms 9. on the platforms	Soc
748	<i>subduction</i>	n.	1. N n 2. of N	1. subduction zones/system/association 2. (the role) of subduction	Phys
749	<i>secretion</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N from n 6. N of n 7. by N 8. in N	1. the secretion 2. secretion bile 3. insulin secretion 4. acid/watery/holocrine secretion 5. secretion from the posterior pituitary/the liver 6. secretion of growth hormone/the negative factor/ insulin/glucagon/gastrin 7. by the secretion 8. in the secretion	Life
750	<i>telemachus</i>	n.	proper noun, name 1. N n	Telemachus 1. Telemachus tour	Human
751	<i>milgram</i>	n.	proper noun, name	Stanely Milgram	Life, Soc
752	<i>centigrade</i>	n.	1. adj N 2. n N 3. in N	1. global centigrade 2. per gram/25 degree centigrade 3. in the cenetigrade	Phys
		adj.	1. n ADJ	1. 100 degrees centigrade	
753	<i>downward</i>	adj.	1. ADJ n	1. downward slope/motion/spiral/years/pressure	Phys
		adv.	1. v ADV to n 2. v ADV from n 3. v ADV	1. moving downward to the right 2. slope downward from left to right 3. slope/pulled downward	
754	<i>capillary</i>	n.	1. det N 2. ord N 3. n N 4. adj N 5. from N 6. in N 7. into N 8. of N 9. within N	1. the/this capillary 2. first/second capillary 3. blood capillary 4. entire/peritubular/peritubular capillary 5. from the capillary 6. in a/the capillary 7. into the capillary 8. (the length/what portion/the blood) of this capillary 9. within the capillary	Life

755	<i>bar</i>	n.	1. det N 2. ord N 3. poss N 4. N n 5. n N 6. adj N 7. N as n 8. N for n 9. N of n 10. at N 11. for N 12. in N 13. of N 14. on N 15. out of N	1. a/the/this bar 2. second/first bar 3. your/our bar 4. bar chart/phrasing/loop/lines/graph/code 5. search/life/candy/menu/salad/bottom bar 6. strong/weak/processing/strong/rigid bar 7. bar as the production/the consumption of gas/the rent 8. bar for knowledge 9. bar of light/soap 10. at the processing bar 11. for the bar 12. in a/the bar 13. (the top/the third beat/the downbeat) of a/the bar 14. on the bar 15. out of search bar	Human
756	<i>over</i>	prep.	1. PREP n	1. over time/the course of history/the situation	Math/Comp, Phys
		adv.	1. v ADV 2. ADV to n 3. ADV adv	1. go/take/comes/put over 2. over to Sparta/Zeus 3. over here	
		adj.	1. ADJ n	1. over statement/time horizon/fitting	
757	<i>bicarbonate</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N from n 6. in N 7. of N	1. the/a bicarbonate 2. her bicarbonate 3. bicarbonate levels 4. new/filtered bicarbonate 5. bicarbonate from the body 6. in bicarbonate, in the bicarbonate 7. (the majority/that ratio/the amount/the concentration) of the bicarbonate	Life
758	<i>bayes</i>	n.	proper noun, name 1. N n	Bayes 1. Bayes rule	Math/Comp
759	<i>forums</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N of n 6. in N 7. for N 8. from N 9. in N 10. of N 11. on N	1. these/those forums 2. our/their forums 3. discussion/class/knowledge forums 4. international/regional/online/existing forums 5. forums of the course 6. in our/the forums 7. for the forums 8. from the discussion forums 9. in these/the forums 10. (the realm/a couple/some) of forums 11. on our/the forums	Soc
760	<i>phasor</i>	n.	1. det N 2. poss N 3. adj N 4. N n 5. n N	1. a/the phasor 2. our phasor 3. arbitrary/little phasor 4. phasor trick/representation/notation/voltage/ 4. domain/rules 5. output/input phasor	Math/Comp
761	<i>inhibitory</i>	adj.	1. ADJ n	1. inhibitory synapse/interneuron/activity/input	Life

762	<i>glutamate</i>	n.	1. det N 2. N n 3. of N 4. N from n	1. this/the glutamate 2. glutamate receptor/synapse/course 3. (a storage form/a metabolite/the binding/the release/the interaction) of glutamate 4. glutamate from a synapse	Life
763	<i>network</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N to-inf 7. N of n 8. on N 9. of N 10. in N	1. the/this/a network 2. their network 3. network analysis/economy/visualization/model 4. road/trade/street/column network 5. larger/social/economic/national/dense network 6. network to recruit people/compute this logical function/recognize handwriting/monitor the content 7. network of the streets/lanes/marketing/these houses/interaction/people 8. on social network 9. (the robustness/the revenues/a functionality) of the network 10. in the/a/this network, in a directed network	Math/Comp
764	<i>observing</i> <i>observe (398)</i>	v.	1. V n	1. observing the reality/the test/her	Phys
765	<i>variants</i>	n.	1. det N 2. adj N 3. n N 4. N of n 5. in N 6. of N	1. these variants 2. genetic/different/important/common variants 3. DNA variants 4. variants of this game/those genes/this course 5. in the shared variants 6. (the problem/discovery) of variants	Life
766	<i>connective</i>	adj.	1. ADJ n	1. connective space/tissue/patterns/mechanism	Life
767	<i>oedipus</i>	n	proper noun 1. N n 2. n N 3. adj N 4. for N 5. of N	-Oedipus 1. Oedipus box/myth/story 2. baby Oedipus 3. great Oedipus 4. for Oedipus 5. of Oedipus	Human
768	<i>zeros</i>	number	number	zeros	Math/Comp
		n.	1. det N 2. poss N 3. n N 4. from N 5. in N 6. of N	1. those/these zeros 2. my zeros 3. backslash zeros 4. from zeros 5. in zeros, in the zeros 6. (a whole bunch/a pattern/a sequence/a bunch/ the same number) of zeros, (the matrix) of all zeros	
769	<i>exactly</i>	adv.	1. ADV adj 2. v-link ADV what-/that-	1. exactly related/clear/right/sure 2. it's exactly what it means/That's exactly what happens/that's exactly how teachers use it	Math/Comp
770	<i>modulo</i>	adj.	Adj n	1. modulo buckets	Math/Comp

		prep.	1. num PREP num	1. 13 modulo 2	
771	<i>particle</i> <i>particles (516)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. of N	1. a/the/that/this particle 2. our particle 3. particle physics/accelerators/properties/density/ type 4. food/alpha particle 5. tiny/subatomic/big/charged particle 6. particle of inheritance 7. (the mass/the momentum) of a particle, (position) of that particle	Phys
772	<i>momentum</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N from n 6. N out of n 7. N to n 8. in N 9. of N	1. a/the momentum 2. their/my/its momentum 3. momentum effect/operator 4. certain/tremendous/angular/typical momentum 5. momentum from me 6. momentum out of the ground 7. momentum to it/the bumper car 8. in momentum 9. (the same amount/the uncertainty/less precise measure) of momentum	Phys
773	<i>nutrition</i>	n.	1. poss N 2. N n 3. n N 4. adj N 5. N from n 6. in N 7. of N 8. with N	1. their/the nutrition 2. nutrition shops/labels /scientists/claims/expert /recommendations/expert/guidance 3. community/zinc/child/life nutrition 4. whole/poor/inadequate nutrition 5. nutrition from other cultures 6. in nutrition 7. (the level/a school/the study/the context/a comprehensive view) of nutrition 8. with nutrition	Life
774	<i>elastic</i>	adj.	1. ADJ n	1. elastic concepts/artries/demand	Phys
		n.	1. det N 2. adj N 3. in N	1. an elastic 2. linear elastic 3. in the elastic	
775	<i>curves</i> <i>curve (82)</i>	n.	1. det N 2. n N 3. adj N 4. N of n 5. of N 6. under N 7. with N	1. the curves 2. demand/option/supply/cost/light/solution curves 3. hyperbolic/gentle/different/nice curves 4. curves of the crescent beam 5. (a family) of curves 6. under the curves 7. with curves	Math/Comp
		v.	1. V n	1. curves its way	
776	<i>buckets</i> <i>bucket (847)</i>	n	1. num N 2. n N 3. adj N 4. N of n 5. of N 6. with N	1. 23/ 16 thousand buckets 2. water buckets 3. big/main buckets 4. buckets of different sizes/grain/ice cream/soil 5. (the number) of buckets, (the size) of the buckets 6. with buckets	Math/Comp
		v.	1. V n	1. bucket that keyword	

777	<i>channel</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N to-inf 6. N of n 7. in N	1. the channel 2. channel partners/variables/choices/conflict / interference 3. service/ion/cable/media/water/TV/c hat channel 4. commercial/small/different/funny channel 5. channel to watch/open up again 6. channel of more customers 7. in the channel	Life
		v.	1. V n 2. V n from n	1. channel flood water/your questions 2. channel spring water from Youquan Mountain	
778	<i>arrow</i>	n.	1. det N 2. ord N 3. poss N 4. N n 5. n N 6. adj N 7. N between n-pl 8. N for n 9. N of n 10. N to n 11. at N 12. by N 13. of N 14. in N 15. with N	1. this/an/the arrow 2. first arrow 3. my arrow 4. arrow keys/fighters/towers/loops/bars 5. menu/target arrow 6. blue/great/red/large/solid arrow 7. arrow between them/those two 8. arrow for the wind/the velocity of the plane 9. arrow of time 10. arrow to the course content/the right 11. at the arrow, at the blue arrow 12. by the red arrow, by the arrow 13. (the tip/the width/this type/the length) of the arrow 14. in the arrow 15. with an/my arrow	Math/Comp, Phys
779	<i>row</i> <i>rows (630)</i>	n.	1. det N 2. ord N 3. N n 4. n N 5. adj N 6. N as n 7. N of n 8. in N 9. of N	1. the/this/a row 2. second/third/first/last row 3. row houses/vector/index 4. death row 5. long/relevant/entire row 6. row as labels 7. row of columns/crime series/these houses/data/ shops/dominoes 8. in a/this row 9. (a value) of row	Math/Comp
		v.	1. V adj 2. V to-inf 3. V n	1. row impervious 2. row to get the job 3. row a boat	
780	<i>flowing</i>	v.	1. V from n 2. V to n 3. V with n 4. V in n 5. V n 6. V through n 7. V into n 8. V out of n 9. V over n	1. flowing from community membership 2. flowing to India/the sea 3. flowing with blood and ink 4. flowing back in its original course 5. flowing the knife 6. flowing through the building 7. flowing into the stream/a city 8. flowing out of the mouth/ 9. flowing over that wonderful sculpture	Math/Com, Phys
		adj.	1. ADJ n 2. ADJ in n	1. flowing patterns/river/water 2. flowing in the time of Wu Daozi	
781	<i>kant</i>	n.	proper noun, name 1. to N 2. in N	Kant 1. to Kant 2. in Kant	Human
782	<i>hypothesis</i>	n.	1. det N	1. a/this/the hypothesis	Math/Comp

			2. poss N 3. ord N 4. N n 5. n N 6. adj N 7. N about n 8. N of n 9. by N 10. of N 11. under N 12. with N 13. it v-link det N that-	2. our/your/Avogadro's hypothesis 3. first/second hypothesis 4. state/null hypothesis 5. hypothesis design/formation/function 6. simple/correlational/skeptical/initial/another/ dominant hypothesis 7. hypothesis about how you might address that question 8. hypothesis of education/this study 9. by hypothesis 10. (confident sort/the kind/a variety/the territory) of hypothesis 11. under the hypothesis 12. with a/this hypothesis 13. it is a hypothesis that if you're going to ...	
783	<i>layout</i>	n.	1. det N 2. adj N 3. N to-inf 4. N of n 5. N in n 6. by N 7. of N 8. in N	1. the/a/this layout 2. overall/entire/grand/general/shaped layout 3. layout to reflect a comprehensive design 4. layout of their temple/altars/the palace/ structures /the imperial city/parallel purlins /buildings 5. layout in the temple 6. by layout 7. (this type) of layout 8. in this/the/a layout	Human
784	<i>black-scholes</i>	n.	1. N n	1. Black-Scholes model/formula/option/price	Soc
785	<i>spacetime</i>	n.	1. N n 2. adj N 3. of N	1. spacetime diagrams/event/plot/worm 2. curved spacetime 3. (a given region) of spacetime	Phys
786	<i>playback</i>	n.	1. n N 2. on N	1. end/video playback 2. on playback	Math/Com, Human
787	<i>cortisol</i>	n.	1. det N 2. adj N 3. for N 4. in N 5. of N	1. the cortisol 2. low/high cortisol 3. for cortisol 4. in cortisol, in the cortisol 5. (very high level/the level/the amount/the drive) of cortisol	Life
788	<i>lowercase</i>	adj.	1. ADJ n	1. lowercase thing/letter/spam/symbols/sigma	Math/Comp
		n.	1. det N 2. N n 3. in N 4. with N	1. a/this lowercase 2. lowercase b/k 3. in lowercase 4. with a lowercase C	
789	<i>buildings</i>	n.	1. det N 2. n N 3. adj N 4. N with n 5. in N 6. of N	1. these/the buildings 2. stone/library/cult/brick/energy buildings 3. private/religious/Spartan/imperial buildings 4. buildings with a mosque in the center 5. in these buildings 6. (an enormous maze/the form/a series/a zone/the scale) of buildings	Human
790	<i>zoom</i>	v.	1. V in 2. V from n 3. V into n	1. zoom in 2. zoom from this particular thing 3. zoom into an upside-down	Math/Comp

			4. V to n 5. V in on n 6. V out to-inf	world/people 4. zoom to our discussion 5. zoom in on Southern India 6. zoom out to look at the history	
791	<i>gets</i>	v.	1. V n 2. V to n 3. V to-inf 4. V adj 5. V n n 6. V in n 7. V out of n	1. gets a chance/a study kernel 2. gets to China 3. gets to discuss two questions/be the judge 4. gets caught/frustrated/hard/frozen 5. gets himself a secured spot 6. gets in a car 7. gets out of Japan	Human, Phys
792	<i>box</i>	n.	1. det N 2. ord N 3. poss N 4. N n 5. n N 6. adj N 7. N of n 8. N with n 9. for N 10. from N 11. in N 12. of N 13. on N 14. out of N 15. to N	1. a/the box 2. first/second/third box 3. our/your box 4. box boy/canyon/stores/problem/system 5. space/companion/output/search/text box 6. huge/black/empty/next/whole/special box 7. box of tools/jewelry/ 8. box with a pediment/four openings/a door 9. for this box 10. from the box 11. in a/the box 12. (the bottom/the dimensions) of the box 13. on the box 14. out of our box 15. to the box	Math/Comp
793	<i>polar</i>	adj.	1. ADJ n	1. polar form/species /solvents/molecule	Life, Phys
794	<i>hertz</i>	n.	proper noun, name 1. num N 2. in N	-Hertz 1. 60/100 Hertz 2. in Hertz	Math/Comp
795	<i>comma</i>	n.	1. det N 2. by N 3. with N	1. the/a comma 2. by a comma 3. with a comma	Math/Comp
796	<i>transcription</i>	n.	1. N n 2. n N 3. N of n 4. by N 5. in N 6. of N	1. transcription factors 2. DNA/gene transcription 3. transcription of a gene/the drawing/the text 4. by transcription 5. in the transcription 6. (the process/the regulation) of transcription	Life
797	<i>behave</i>	v.	1. V like n 2. V in n 3. V n 4. V as n 5. V with n	1. behave like a linear device/a normal person/a switch 2. behave in a certain way/a symmetric way /the society/the scene 3. behave the way 4. behave as a circuit/a human being 5. behave with quantification	Life, Soc
798	<i>rectangles</i>	n.	1. det N 2. poss N 3. adj N 4. of N	1. these rectangles 2. my rectangles 3. same/full/orange/thin/little rectangles 4. (the heights/the area) of rectangles, (the width/ the height) of these rectangles	Math/Comp

799	<i>torque</i>	n.	1. det N 2. poss N 3. ord N 4. N n 5. n N 6. adj N 7. N of n 8. of N	1. a/the torque 2. my torque 3. second torque 4. torque wrench 5. net torque 6. gentle/gravitational/medium/high torque 7. torque of 1 newton meter 8. (the direction/the adjustments) of the torque, (the units) of torque	Phys
800	<i>stars</i>	n.	1. det N 2. poss N 3. num N 4. n N 5. adj N 6. in N 7. of N 8. with N 9. without N	1. those/the/these stars 2. their stars 3. 2000 stars 4. movie/Hollywood film/rock/TV/dwarf stars 5. other/hot/wandering/massive/rich/stable stars 6. in the stars, in stars 7. (the observation/the spectrum/the study/the value/the number/billions) of stars, (one) of many stars 8. with stunning stars 9. without stars	Phys
801	<i>left-hand</i>	adj.	1. ADJ n	1. left-hand side/panel/corner/quadrant/column	Math/Comp
802	<i>degrees</i>	n.	1. num N 2. N n 3. n N 4. adj N 5. N of n 6. at N 7. in N 8. to N	1. 120/900 degrees 2. degrees centigrade/Celsius 3. scale/university degrees 4. different/varying degrees 5. degrees of instability/the scale/space /collaboration /separation 6. at 45 degrees 7. in degrees, in small degrees 8. to varying degrees,	Math/Comp, Phys
803	<i>ethanol</i>	n.	1. N n 2. n N 3. adj N 4. N as n 5. N from n 6. in N 7. of N 8. with N	1. ethanol biofuel/market/production/solvent /output 2. corn ethanol 3. cellulosic ethanol 4. ethanol as a by product 5. ethanol from cyanobacteria 6. in the ethanol 7. (the metabolism/the production/use) of ethanol 8. with ethanol	Phys
804	<i>humans</i>	n.	1. det N 2. adj N 3. in N 4. of N	1. these humans 2. real/modern humans 3. in humans 4. (an example/the world/the creation/the lives) of humans	Human, Life
805	<i>fairly</i>	adv.	1. ADV adj 2. ADV adv	1. fairly good/plain/simple/limited/accurate/easy 2. fairly carefully/recently	Math/Comp, Phys, Soc
806	<i>payoff</i>	n.	1. det N 2. poss N 3. n N 4. N for n 5. N from n 6. N of n 7. of N	1. the payoff 2. our/my/your payoff 3. baseline payoff 4. payoff for that effort/a call option 5. payoff from the organizing committee/deviating 6. payoff of the option/the butterfly strategy	Soc

				7. (the expected value) of the payoff	
807	<i>brownian</i>	adj.	1. ADJ n	1. Brownian motion	Soc
808	<i>marginal</i>	adj.	1. ADJ n	1. marginal cost/position/reason/works/rate	Soc
809	<i>connect</i> <i>connected (699)</i>	v.	1. V n 2. V with n 3. V to n 4. V n with n	1. connect China/us 2. connect with the way 3. connect to the proper ancestors 4. connect the issues of wars with the environment	Math/Comp
810	<i>ones</i>	n.	1. det N 2. poss N 3. adj N 4. N of n 5. of N	1. the ones 2. your ones 3. younger/good/rich/modern/virtual ones 4. ones of the highest accomplishments/the kind 5. (the use) of ones	Human
811	<i>superscript</i>	n.	1. det N 2. n N 3. of N	1. the superscript 2. theta superscript 3. (theta) of superscript	Math/Comp
812	<i>habitable</i>	adj.	1. ADJ n	1. habitable zone/planet	Phys
813	<i>non-linear</i>	adj.	1. ADJ n	1. non-linear chain/function/response/hypotheses	Math/Comp
814	<i>neutron</i>	n.	1. det N 2. N n	1. a neutron 2. neutron flux/star/irradiation	Phys
815	<i>synapses</i> <i>synapse (556)</i>	n.	1. det N 2. adj N 3. N for n 4. N of n 5. at N 6. of N	1. the synapses 2. multiple/chemical/electrical/new/silent/real/ powerful synapses 3. synapses for the next neuron 4. synapses of these axons/this left medial lemniscus 5. at synapses 6. (specific types/a collection/the numbers) of synapses	Life
816	<i>liter</i> <i>liters (652)</i>	n.	1. num N 2. N n 3. adj N 4. N in n 5. N of n 6. in N	1. one liter 2. liter tank 3. entire liter 4. liter in size/volume 5. liter of water/oxygen/blood/solution 6. in one liter	Phys
817	<i>recall</i>	v.	1. V n 2. V from n 3. V n from n	1. recall our story 2. recall from Odyssey 3. recall this from when we were young	Math/Comp
		n.	1. det N 2. N n 3. n N 4. adj N 5. N of n	1. the/a recall 2. recall task/classifier 3. structure recall 4. low/high recall 5. the recall of Francesco	
818	<i>apple</i>	n.	1. det N 2. N n 3. adj N 4. from N 5. of N 6. on N	1. the/an apple 2. Apple pie/city/TV/computer 3. real/bad/organic apple 4. from the apple 5. (the winner/our experience/a bite/the performance) of (the) apple 6. on Apple	Soc
819	<i>urls</i> <i>url (526)</i>	n.	1. det N 2. N for n 3. N from n 4. N of n 5. N on n 6. N to n	1. the URLs 2. URLs for the pages 3. URLs from a web page 4. URLs of the documentation 5. URLs on the page 6. URLs to that website	Math/Comp

			7. of N	7. (a list/the list) of URLs	
820	<i>moocs</i> <i>mooc (268)</i>	n.	1. det N 2. adj N 3. in N 4. with N	1. the MOOCs 2. previous/other MOOCs 3. in MOOCs 4. with MOOCs	Soc
821	<i>proton</i> <i>protons (595)</i>	n.	1. det N 2. N n 3. adj N 4. N from n 5. N into n 6. N of n 7. N with n	1. a/the/this proton 2. proton concentration/pump/exchange/receptor 3. free/single/extra/another proton 4. proton from the water molecule/the body/these cells 5. proton into carbonic acid 6. proton of the acid 7. proton with the anion	Life, Phys
822	<i>understand</i>	v.	1. V n	1. understand this/them/that	Life, Soc
823	<i>orbit</i>	n.	1. det N 2. poss N 3. adj N 4. N of n 5. from N 6. in N 7. of N 8. within N	1. the/an orbit 2. its/their/our orbit 3. German/challenging/eccentric/closed orbit 4. orbit of a constellation/a report/Mercury/Jupiter 5. from an orbit 6. in the orbit, in orbit 7. (the physical radius) of the orbit 8. within the orbit	Phys
		v.	1. V around n 2. V n	1. orbit around the sun 2. orbit the sun	
824	<i>barn</i>	n.	1. det N 2. poss N 3. adj N 4. N n 5. in N 6. of N	1. a barn 2. one's/your/my/his barn 3. big/huge barn 4. barn paradox/frame/door 5. in one's barn, in the barn 6. (the rear/the front) of the barn	Phys
825	<i>sorta</i>	adv.	1. ADV v	1. sorta think/pick/do both	Math/Comp, Soc
826	<i>jatropha</i>	n.	proper nonun, name 1. N n 2. adj N 3. in N 4. of N 5. with N	Jatropha 1. Jatropha trees 2. better/non-toxic jatropha 3. in jatropha 4. (the case/varieties) of jatropha 5. with jatropha	Phys
827	<i>handel</i>	n.	proper noun, name	Handel	Human
828	<i>equivalent</i>	adj.	1. ADJ n 2. ADJ to n 3. ADJ for n 4. it v-link ADJ what/how-	1. equivalent way/statement/adjective/theorum 2. euquivalent to the size/a democratic system/all managers/compositions 3. equivalent for musical compositions 4. it seemed to be equivalent what's going on there	Math/Comp, Phys
		n.	1. det N 2. poss N 3. n N 4. adj N 5. N for n 5. N of n 6. N to n	1. an/the equivalent 2. my equivalent 3. money/voltage/circuit equivalent 4. Roman/Greek/moral/rotational equivalent 5. equivalent of a fortune/the poor butcher/it /a fortune/a middle finger/pop music/water 6. equivalent to Penelope/forced labor/college mathematics/the bargain/the previous one	

829	<i>biochemistry</i>	n.	1. det N 2. poss N 3. adj N 4. by N 5. in N 6. from N 7. of N	1. the biochemistry 2. our biochemistry 3. underlying/complex/modern biochemistry 4. by biochemistry 5. in the biochemistry, in biochemistry 6. from biochemistry 7. (the school/that bit/the genetics/a ton/our ideas) of biochemistry	Life, Phys
830	<i>imperial</i>	adj.	1. ADJ n	1. imperial structure/purposes/power/project	Human
831	<i>'cause</i>	conj	1. CONJ sentence	1. 'cause this is a way/it's less than half	Soc
832	<i>what</i>	det.	1. DET n 2. DET sentence [=n.clause]	1. what myth 2. what we're looking at/what you're viewing is okay	Math/Comp, Soc
833	<i>triad</i>	n.	1. det N 2. adj N 3. of N	1. that triad 2. tonic/major/diminished/major triad 3. (part) of a triad	Human
834	<i>diagrams</i> <i>diagram (208)</i>	n.	1. det N 2. poss N 3. adj N 4. N as n 5. N of n 6. of N 7. on N	1. these/those/the diagrams 2. our diagrams 3. relational/wiring/ending diagrams 4. iagrams as a regulator 5. diagrams of a process/ancestors 6. (a slide) of diagrams 7. on our diagrams	Phys
835	<i>learn</i>	v.	1. V n 2. V about n 3. V from n 4. V n about n	1. learn all the details 2. learn about how the world works 3. learn from it/all these dead people 4. learn something about who works well	Life, Soc
836	<i>able</i>	adj.	1. v-link ADJ to-inf 2. ADJ to-inf	1. be able to get online/he's able to make it 2. able to exhibit herself/take an oath	Life
837	<i>insulin</i>	n.	1. det N 2. N n 3. adj N 4. by N 5. of N 6. in N	1. the/an insulin 2. insulin receptor/insufficiency/pump/secretion 3. low/human insulin 4. by insulin 5. (the release/the amount/the secretion/the levels) of insulin 6. in insulin	Life
838	<i>hemoglobin</i>	n.	1. det N 2. poss N 3. adj N 4. of N 5. in N 6. on N	1. the hemoglobin 2. our/your hemoglobin 3. different/fetal hemoglobin 4. (the shift/big bags/the levels) of the hemoglobin 5. in hemoglobin 6. on hemoglobin	Life
839	<i>diagonal</i>	adj.	1. ADJ n	1. diagonal bridge/axis/ridge/arrangement	Math/Comp
840	<i>electronegativity</i>	n.	1. det N 2. N n 3. adj N 4. N of n 5. in N 6. of N	1. an electronegativity 2. electronegativity difference/table 3. low/high/weak/average electronegativity 4. electronegativity of those oxygens 5. in electronegativity 6. (the concept) of electronegativity	Phys
841	<i>penelope</i>	n.	proper noun, name 1. of N 2. to N 3. with N	Penelope 1. (this cleverness) of Penelope 2. to Penelope 3. with Penelope	Human

842	<i>quotient</i>	n.	1. det N 2. N n 3. adj N 4. N of n 5. of N	1. the/a/this quotient 2. quotient rule 3. respiratory quotient 4. quotient of two integers/two things/a limit 5. (the limit) of a quotient	Math/Comp
843	<i>strand</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. on N 8. of N	1. a/the/this strand 2. my strand 3. strand synthesis 4. DNA/bottom strand 5. mythic/single/new/old/leading/each strand 6. strand of DNA 7. on my strand 8. (this backbone) of each strand, (the sequence) of a single strand	Life
844	<i>anion</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. from N 6. in N 7. of N 8. with N	1. the anion 2. anion group/forming/concentration 3. choride/phosphate/acetate anion 4. nitrous/different/solvated anion 5. from the anion 6. in the anion 7. (the concentrations/the logarithm/) of the anion 8. with the anion	Phys
845	<i>depends</i> <i>depending (617)</i>	v.	1. V on n	1. depends on context/his successors/what people want to focus on/how long it takes to get there	Phys
846	<i>bucket</i> <i>buckets (777)</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. in N 8. of N 9. on N 10. out of N 11. with N 12. within N	1. a/the bucket 2. your/our bucket 3. bucket zone 4. gallon/water/ice bucket 5. big/small/appropriate/empty bucket 6. bucket of coal/gold/water 7. in the/a bucket 8. (the bottom/the state) of the bucket 9. on a bucket 10. out of the bucket 11. with a/your bucket 12. within the bucket	Math/Comp
847	<i>fluorine</i>	n.	1. det N 2. from N 3. of N 4. on N	1. this fluorine 2. from the fluorine 3. (the atomic mass/the valence shell) of fluorine 4. on the fluorine	Phys
848	<i>nicely</i>	adv	1. adv ADV 2. ADV v	1. very/really nicely 2. nicely represents/organized/split	Math/Comp, Life
849	<i>hormones</i> <i>hormone (543)</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. by N 6. for N 7. of N	1. these/the/those hormones 2. two/three hormones 3. protein/steroid/thyroid/sex hormones 4. female/tropic/different/pituitary hormones 5. by hormones 6. for the hormones 7. (mix/the case/types/different cases) of hormones, one of those hormones	Life
850	<i>bound</i>	v.	1. (v-link) V up with n	1. is bound up with debates/the basic issue	Math/Comp

			2. (v-link) V to-inf 3. (v-link) V for n 4. (v-link) V by n [passive]	1. is bound to fail 3. is bound for India 4. is bound by the majority/them	
		n.	1. det N 2. adj N 3. N for n 4. N of n 5. N on n 6. without N	1. this bound 2. architectural/geographic/tigher/up per/lower /true bound 3. bound for the Young's modulus 4. bound of a time/the set/the probability 5. bound on the amount of time/sigma 6. without bound	
		adj.	1. ADJ n 2. ADJ for n	1. bound book/plane/receptor/interval/form 2. bound for India	
851	<i>formulas</i> <i>formula(93)</i>	n.	1. det N 2. poss N 3. adj N 4. for N 5. in N 6. of N	1. those formulas 2. our formulas 3. other/mathematical/correct/specific formulas 4. for our formulas 5. in these formulas 6. (pages/infinite number/these kinds) of formulas	Math/Comp
852	<i>friction</i>	n.	1. det N 2. adj N 3. n N 4. N between n 5. N from n 6. N of n 7. of N	1. the/this friction 2. tidal friction 3. flud friction 4. friction between the two/the lungs and the chest 5. friction from wasting energy 6. friction of some temperature T./ 7. (the absence/the story/the effects/the forces) of friction	Phys
853	<i>lab</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. from N 6. in N	1. the/this/a lab 2. our lab 3. lab bench/session/toy/equipment/project 4. video/computer lab 5. from the lab 6. in the lab	Life, Phys
854	<i>figaro</i>	n.	proper noun, name of N	Figaro marriage of Figaro	Human
855	<i>pulses</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N of n 6. in N 7. of N	1. these pulses 2. 12/ten pulses 3. radio pulses 4. light/intensive/equal pulses 5. pulses of electricity 6. in those pulses 7. (a train/the case/the velocity/the number) of pulses	Phys
856	<i>soluble</i>	adj.	1. ADJ n 2. ADJ in n	1. soluble proteins/form/bacteria/hormones/fiber 2. soluble in blood/plasma/lipids/water	Life, Phys
857	<i>amplitude</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N for n 6. N of n 7. at N	1. the/this/an amplitude 2. its amplitude 3. amplitude bars/waves/rhythms/noise 4. different/corresponding/full/same amplitude 5. amplitude for the instrument	Math/Comp, Phys

			8. in N 9. of N	6. amplitude of the wave/cortisol/these brain waves 7. at the amplitude 8. in the amplitude, in amplitude 9. (a scale/the idea) of amplitude	
858	<i>generate</i>	v.	1. V n	1. generate the idea/his poetry/electricity	Life, Phys
859	<i>chemistry</i>	n.	1. det N 2. N n 3. n N 4. poss N 5. adj N 6. N between n-pl 7. N of n 8. in N 9. of N	1. the chemistry 2. chemistry professors/major/lab/class/courses 3. brain/blood chemistry 4. my/our chemistry 5. sexual/organic/fundamental/atomic chemistry 6. chemistry between two people 7. chemistry of the blood/carbohydrates/ protein 8. in chemistry, in general chemistry 9. (the laws/a lightning tour/the amount/the details/ the evolution) of chemistry	Phys
860	<i>search</i>	n.	1. det N 2. poss N 3. ord N 4. N n 5. n N 6. adj N 7. N for n 8. N to n 9. in N 10. of N	1. this search 2. my search 3. second search 4. search box/party/history/engines/field/unit 5. flight/core/Google search 6. new/long/universal/organic/binary search 7. search for a source/ancient knowledge/sources 8. search to a trip/ 9. in my search 10. (that type/the idea) of search	Math/Comp, Soc
		v.	1. V n 2. V by n 3. V for n 4. V on n 5. V through n 6. V like n	1. search the Internet/that road/results 2. search by tags 3. search for flights/an explanation/experts 4. search on this 5. search through the data 6. search like this	
861	<i>makes</i>	v.	1. V n 2. V n n 3. V n adj 4. V up n 5. V n into n 6. V n -inf 7. V adj that	1. makes Greek myth/his lunge/his judgment 2. makes you his successor 3. makes his way closer/it more available/it clear 4. makes up a lie 5. makes his way into the center of power 6. makes this happen/the person think/them fear 7. makes sure his audience like him	Human, Life
862	<i>amp</i>	n.	=amplification (abbri.) 1. an amp 2. poss N 3. N n	1. det N 2. my amp 3. amp circuit	Math/Comp
863	<i>slots</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N of n 6. in N	1. those/the/these slots 2. three/two slots 3. time slots 4. open/same/advertising/landing/lucky slots	Math/Comp

			7. of N	5. slots of duration delta/one hour/our list 6. in slots, in these slots 7. (the number/one) of slots, one of the slots	
864	<i>comte</i>	n.	proper noun, name 1. by N	Comte 1. by Comte	Soc
865	<i>afferent</i>	adj.	1. ADJ n	1. afferent path/portion/neurons/arteriole/fibers	Life
866	<i>coordinate</i> <i>coordinates (415)</i>	v.	1. V n 2. V on n 3. V with n	1. coordinate their behavior 2. coordinate on certain sets of behaviors/higher prices 3. coordinate with other people/them	Phys
		adj.	1. ADJ n	1. coordinate solution/system/plane/directions	
		n.	1. det N 2. adj N 3. N of n 4. at N	1. a/this coordinate 2. spherical/Cartesian coordinate 3. coordinate of this point 4. at coordinate	
867	<i>versus</i>	prep.	1. n PREP n	1. the Greeks versus the Persians/men versus women/Christians versus others	Life, Phys
868	<i>container</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N of n 6. N for n 7. in N 8. on N 9. of N 10. with N	1. this/a container 2. their container 3. tin/storage container 4. skinny/plastic/flexible container 5. the container of those things/myth/salt/water 6. container for social processes 7. in one/the container 8. on the container 9. (the walls/the volume/the sides/the capacity) of the container 10. with a container	Math/Comp, Phys
869	<i>intuitive</i>	adj.	1. ADJ n 2. ADJ for n 3. it v-link ADJ to-inf	1. intuitive readings/believer/notion/sense/idea 2. intuitive for the child/us 3. it's intuitive to think about yourself	Math/Comp
870	<i>epic</i>	n.	1. det N 2. poss N 3. adj N 4. N about n 5. N by n 6. N of n 7. from N 8. in N 9. of N 10. within N	1. the/an epic 2. his/our/Homer's epic 3. rural/ancient/whole/long/another epic 4. epic about war 5. epic by this poet Hesiod 6. epic of Gilgamesh/son/the Odyssey 7. from an/the epic 8. in the/this epic, in Homeric epic, in another epic 9. (the beginning) of the epic 10. within an epic	Human
		adj.	1. ADJ n	1. epic poem/poetry/treatment/writers/her o	
871	<i>detail</i>	n.	1. det N 2. adj N 3. N about n 4. N in n 5. N of n 6. N on n 7. in N 8. of N	1. a/that detail 2. great/following/vivid detail 3. detail about user's responses to usability/the battle/the course units 4. detail in the Forbidden city/Yingzao Fashi 5. detail of psychology/these	Math/Comp, Life

			9. with N	problems 6. detail on the paintings 7. in detail, in some detail, in great detail 8. (the level) of detail, 9. with that detail	
		v.	1. V n	1. detail this well	
872	<i>slowly</i>	adv.	1. ADV v	1. slowly working/gave/become	Phys
873	<i>genomics</i>	n.	1. det N 2. adj N 3. N n 4. in N 5. of N 6. without N	1. the genomics 2. behavioural/personal genomics 3. genomics platform/data/tools 4. in genomics 5. (the first module/analysis/new science) of genomics 6. without genomics	Life
874	<i>searle</i>	n.	proper noun, name	Searle	Human
875	<i>kinase</i>	n.	1. det N 2. N n	1. a/this/the kinase 2. kinase activity/inhibitor/resistant	Life
876	<i>paradox</i>	n.	1. det N 2. ord N 3. N n 4. n N 5. adj N 6. N of n 7. at N 8. of N 9. the N is that-	1. the/a/this paradox 2. first/second paradox 3. paradox argument 4. prevention/bamboo/twin/rope paradox 5. apparent/famous/friendly paradox 6. paradox of human rights/group behavior 7. at this paradox 8. (part) of the paradox, 9. The paradox was that even though welfare societies....	Phys
877	<i>pieces</i>	n.	1. det N 2. poss N 3. num N 4. n N 5. adj N 6. N of n 7. N for n 8. N in n 9. in N 10. of N	1. the/these pieces 2. his pieces 3. three/two pieces 4. Bismarcks/pigment/background pieces 5. individual/special/great/complex/late pieces 6. pieces of knowledge/the world/evidence/his character/music 7. pieces for chamber 8. pieces in pop music/this collection/Confucian learning/the entire entire keyboard repertoire 9. in pieces 10. (which/a couple) of pieces	Math/Comp, Human
878	<i>binary</i>	adj.	1. ADJ n	1. binary questions/pairs/opposition/language s	Math/Comp, Phys
		n.	1. det N 2. n N 3. adj N 4. in N 4. of N	1. a binary 2. core binary 3. particular/hidden binary 4. in a binary, in binary 4. (the notion) of binary	
879	<i>midbrain</i>	n.	1. det N 2. N n 3. in N 4. of N	1. the midbrain 2. midbrain areas 3. in the midbrain 4. (the junction/a hallmark/the dorsal part) of the midbrain	Life
880	<i>stored</i>	v.	1. be stored [passive] 2. (v-link) V for n	1. are stored 2. are stored for that word/special purposes	Math/Comp, Life, Phys

			3. (v-link) V into n 4. V n from n 5. V n 6. (v-link) V in n 7. (v-link) V as n	3. are stored into MySQL database 4. stored ice from the mountains 5. stored the essential necessities/the water 6. are stored in vesicles/DNA/the genome 7. is stored as a memory/fat in your body	
		adj.	1. ADJ n	1. stored energy/memory/water/code/fuel	
881	<i>ten</i>	number	number	ten	Math/Com, Phys, Soc
882	<i>talked</i>	v.	1. V about n 2. V to n 3. V of n	1. talked about our hero/Gods/dreams 2. talked to them/you 3. talked of this	Life, Phys
883	<i>execute</i>	v.	1. V n	1. execute your will/this/the law/the idea	Math/Comp
884	<i>assuming</i> <i>assume (385)</i>	v.	1. V n 2. V that- 3. V n to-inf	1. assuming this 2. assuming that we didn't do it/the team leaves on the 10 th 3. assuming them to hold this	Math/Comp, Phys
885	<i>first</i>	adv.	1. at ADV	1. at first	Math/Com
		ord num	1. the ORD n	1. the first thing/number	
886	<i>behaviour</i> <i>(=behavior)</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. N of n 6. of N 7. in N	1. the behaviour 2. my/their/your/our/its behaviour 3. behaviour model 4. great/human/masculine/different behaviour 5. behaviour of a young gangster/the system/ individuals 6. (forms/this kind/interpersonal standards) of behaviour 7. in my behavior	Life
887	<i>dietary</i>	adj.	1. ADJ n	1. dietary record/patterns/habits/factors	Life
888	<i>cone</i> <i>cones (989)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N for n 6. N of n 7. N with n 8. in N 9. of N 10. on N 11. within N	1. the/a/this cone 2. cone person 3. growth/light/cinder/air/friction cone 4. beautiful/southern/red/truncated cone 5. cone for each color 6. cone of light/a certain size 7. cone with honey/this green response curve 8. in the cone 9. (the responses/the interior/the height/the shape) of the/this cone 10. on this cone 11. within this cone	Math/Comp, Phys
889	<i>dyslexia</i>	n.	1. of N 2. with N	1. (the field/the consequences/the definitions/ causes) of dyslexia 2. with dyslexia	Soc
890	<i>pituitary</i>	n.	1. det N 2. adj N 3. by N 4. from N 5. of N 6. within N	1. the pituitary 2. anterior/posterior pituitary 3. by the pituitary 4. from the pituitary 5. (the stalk/the anterior part) of the pituitary 6. within the pituitary	Life
		adj.	1. ADJ n	1. pituitary gland/cell/factor/hormones/axis	

891	<i>plotted</i> <i>plot (190)</i> <i>plotting (908)</i>	v.	1. V n 2. (v-link) V with n	1. we have plotted it/the delta 2. be plotted with this	Math/Comp, Phys
		adj.	1. ADJ n	1. plotted points/things	
892	<i>server</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. of N	1. the/this server 2. our/your server 3. server space/technology/operating systems 4. web/mail server 5. special/rented/centralized/single server 6. (the name) of the server	Math/Comp
893	<i>planner</i>	n.	1. det N 2. poss N 3. adj N 4. N n 5. n N	1. the planner 2. our/my planner 3. urban planner 4. planner schedule 5. transport/search planner	Math/Comp
894	<i>caudal</i>	adj.	1. ADJ n	1. caudal aspect/midbrain/lobe/division/part	Life
895	<i>stupa</i>	n.	1. det N 2. n N 3. adj N 4. in N 5. of N	1. a/the/this stupa 2. Sanchi stupa 3. big/little stupa 4. in the stupa 5. (a mini version) of stupa	Human
896	<i>hypotenuse</i>	n.	1. det N 2. N of n 3. on N	1. the hypotenuse 2. hypotenuse of a right angle 3. on the hypotenuse	Math/Comp, Phys
897	<i>symmetric</i>	adj.	1. ADJ n	1. symmetric solutions/game/story/structure	Math/Comp
898	<i>pallidus</i>	n.	1. det N 2. n N	1. a pallidus 2. globus pallidus	Life
899	<i>gigapascals</i>	n.	1. num N 2. in N	1. 70/300 gigapascals 2. in gigapascals	Phys
900	<i>combine</i>	v.	1. V n 2. V n to-inf 3. V n with n 4. V n into n	1. combine this/affixes/the numbers 2. combine them to make more 3. combine the four directions with it 4. combine dimensions into one	Math/Comp, Phys
901	<i>frontal</i>	adj.	1. ADJ n	1. frontal capacity/cortex/lobe/networks/gyri/e ye	Life
902	<i>centimeters</i>	n.	1. num N 2. in N	1. 55 centimeters 2. in centimeters	Math/Comp
903	<i>spartans</i>	n.	1. det N	1. the Spartans	Human
904	<i>try</i>	v.	1. V n 2. V to-inf 3. V -ing	1. try this 2. try to keep our distance/gain his strength/avoid it/give birth to her son 3. try memorizing the phone book	Math/Comp, Soc
905	<i>divisible</i>	adj.	1. ADJ by n 2. ADV by num	1. divisible by a prime 2. divisible by three/six/5	Math/Comp
906	<i>occurs</i>	v.	1. V 2. V to n	1. a miracle occurs 2. that/it occurs to us/me	Life, Phys
907	<i>plotting</i> <i>plotted (892)</i> <i>plot (190)</i>	v.	1. V n	1. plotting it/that	Math/Comp, Phys
		adj.	1. ADJ n	1. plotting points/routine/systems	
		n.	1. adj N	1. non-square/some plotting	
908	<i>fibrosis</i>	n.	1. n N 2. N of n	1. cystic fibrosis 2. fibrosis of random chromosome	Life
909	<i>sets</i> <i>set (87)</i>	n.	1. det N 2. num N 3. n N 4. adj N	1. those sets 2. two sets 3. bracket/tea/stage/problem sets 4.	Math/Comp

			5. N of n 6. in N	excellent/small/long/separate/different sets 5. sets of eaves/background data/building blocks/ people/stairs 6. in these sets	
		v.	1. V n 2. V n for n 3. V up n 4. V about n	1. sets data 2. sets a stage for him 3. sets up a camp site/a problem 4. sets about producing	
910	<i>cost</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N for n 6. N in n 7. N of n/-ing 8. at N 9. at N of n 10. for N 11. of N	1. the/a cost 2. cost benefit/penalties 3. pension/construction cost 4. serious/low/social/minor/marginal cost 5. cost for interactionist/business/people 6. cost in making transactions 7. cost of accepting/producing/manufacturing/ producing literature/paper/the war/housing 8. at the cost 9. at the cost of one life/smaller space 10. for a higher cost 11. (problem) of a cost, (30%/the reimbursement) of the cost	Math/Comp, Soc
		v.	1. V n 2. V n n 3. V n to-inf	1. cost much money/any money 2. cost him \$100 3. cost you to do it	
911	<i>sees</i>	v.	1. V n 2. V n adj 3. V n -inf 4. V n as n	1. sees them/everything/a gap 2. sees this beautiful/him happy 3. sees this happen 4. sees him as an object/himself as a rebel	Phys
912	<i>feature</i> <i>features (536)</i>	n.	1. det N 2. ord N 3. poss N 4. N n 5. n N 6. adj N 7. N of n 8. N to n 9. for N 10. of N 11. to N 12. in N	1. a/the/this feature 2. second/fourth/first feature 3. your/our feature 4. feature vector /scaling /choices/space/size 5. design/fountain/signature/agonny feature 6. unique/teleological/interesting/different/ common/standard feature 7. feature of Chinese mansory structure/language/ a psychological state/Tang architecture/world literature studies 8. feature to this demand 9. for that feature 10. (the standard deviation/the beta values//the value/another variant/an issue) of feature 11. to some internal feature 12. in the/this feature	Math/Comp
		v.	1. V n 2. V n as n	1. feature a large natation 2. feature them as strong actors	
913	<i>rider</i>	n.	-proper noun, name 1. the N 2. N n 3. n N 4. adj N	-Rider Haggard 1. the/a rider 2. rider system/problem/plummet/ 3. subway/stopper/seesaw/silver rider 4. heavy/light rider	Phys

			5. on N 6. with N	5. on a rider 6. with that rider	
914	<i>solutions</i> <i>solution (207)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N for n 7. N of n 8. N to n 9. of N	1. those/these/the solutions 2. your solutions 3. 3D scan/assignment solutions 4. distinctive/technical/symmetric/possible/new/ technological/real solutions 5. solutions to make things fit 6. solutions for masonry 7. solutions of Brunelleschi 8. solutions to this/the problem/the public 9. (many kinds/the cost/a fourth category/a class) of solutions	Math/Comp, Phys
915	<i>fracking</i>	adj.	1. ADJ n	1. fracking process/technology	Life, Phys
		n.	1. det N 2. adj N 3. of N	1. the fracking 2. hydraulic fracking 3. (proponents/opponents) of fracking	
916	<i>lumen</i>	n.	1. det N 2. n N 3. adj N 4. N of n 5. from N 6. in N 7. into N 8. within N	1. the/a/that lumen 2. kidney/tubule lumen 3. intestinal/true lumen 4. lumen of a blood vessel/the vessel/the stomach/ these tubes/the track 5. from the lumen 6. in the lumen 7. into the lumen 8. within a lumen	Life
917	<i>helix</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N of n 6. of N	1. a/the helix 2. helix stick/spiral/model/building 3. alpha helix 4. triple/double/beautiful new/DNA double/a left handed helix/structure 5. helix of DNA 6. (the direction/the death/each turn) of the helix	Life
918	<i>integrals</i> <i>integral (397)</i>	n.	1. det N 2. poss N 3. adj N 4. N as n 5. N for n 6. N of n 7. by N	1. these/the integrals 2. our integrals 3. easy/definite/different/indefinite integrals 4. integrals as values 5. integrals for every value of n 6. integrals of powers of sine and cosine 7. by integrals	Math/Comp
919	<i>angles</i> <i>angle (263)</i>	n.	1. det N 2. adj N 3. n N 4. N between n-pl 5. N of n 6. N to n 7. N with n 8. at N 9. in N 10. of N 11. with N	1. those/these/the angles 2. right/different/viewing/visual angles 3. bond/Euler/output angles 4. angles between 0 and pi 5. angles of 30 degrees/view between a user and an architect/bar stimuli/the axis 6. angles to each other/the orbit/the lever arm/the slope/the principal planes 7. angles with the parallel lin 8. at angles 9. in various angles 10. (the kinds/the same number) of angles	Phys

				11. with all the bond angles	
920	<i>dionysus</i>	n.	- proper noun, name 1. by N 2. of N	- Dionysus 1. by Dionysus 2. (the honor/a space/a statue/the cult) of Dionysus	Human
921	<i>patents</i> <i>patent (934)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N to-inf 6. N for n 7. N from n 8. N on n 9. in N 10. of N	1. the/these/those patents 2. its/your patents 3. software/transistor/circuit/utility/design patents 4. sleeping/nice/minor/basic/essential patents 5. patents to secure a monopoly position/match up with that 6. patents for the related innovations 7. patents from Sony and Phillips 8. patents on that particular compound 9. in patents 10. (the rise/a bundle/the world/the claims/ hundreds of) of patents	Soc
922	<i>chlorine</i>	n.	1. det N 2. poss N 3. N n 4. adj N 5. of N 6. with N	1. the/this chlorine 2. your chlorine 3. chlorine step/option/tablet/bottle/tablets/solution/ion/powder 4. liquid chlorine 5. (the effects/grams/moles) of the chlorine 6. with chlorine, with the chlorine	Life, Phys
923	<i>striatum</i>	n.	1. det N 2. adj N 3. from N 4. in N 5. of N	1. the striatum 2. ventral striatum 3. from the striatum 4. in the/this striatum 5. (the ventral part/the division part/the level/a median spiny neuron) of the striatum	Life
924	<i>balls</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N for n 6. N of n 7. N with n 8. of N	1. the/these balls 2. four/two balls 3. stone/tennis/billard/soccer/medicine/paint balls 4. wrecking/growing/tiny/little/icy balls 5. balls for period one/two 6. balls of different colors/decoration 7. balls with horses 8. (the total number/the probability) of balls	Phys, Soc
925	<i>inductors</i> <i>inductor (228)</i>	n.	1. det N 2. num N 3. poss N 4. adj N 5. N of n 6. of N	1. the/those inductors 2. two inductors 3. our inductors 4. multiple/dual inductors 5. inductors of the three buck converters 6. (a bunch) of inductors, (the impedance) of the inductors	Math/Comp
926	<i>functionalism</i>	n.	1. n N 2. N as n 3. in N 4. of N 5. with N	1. machine functionalism 2. functionalism as a way 3 in functionalism 4. (the ideals/two small pieces/his specific version /a version) of functionalism 5. with functionalism	Human

927	<i>nerves</i> <i>nerve (320)</i>	n.	1. det N 2. poss N 3. adj N 4. N to-inf 5. N between n-pl 6. N in n 7. N to n 8. from N 9. in N 10. of N	1. these/those nerves 2. your nerves 3. interesting/spinal/cranial/complicated nerves 4. nerves to take a shock at you 5. nerves between firms and nongovernment organizations 6. nerves in skin/the body 7. nerves to striated muscle/the set of grey matter structure 8. from nerves 9. in nerves, in the nerves 10. (a war/three pairs/most) of nerves	Life
928	<i>quadrant</i>	n.	1. det N 2. ord N 3. N n 4. n N 5. adj N 6. N of n 7. in N 8. of N	1. the/that quadrant 2. first/second/third quadrant 3. quadrant switch 4. strain quadrant 5. collective/individual/active quadrant 6. quadrant of space/his demands control matrix 7. in this/that quadrant 8. of a quadrant, (the boundaries) of one quadrant, (a different sort) of quadrant	Phys, Soc
929	<i>messenger</i>	n.	1. det N 2. ord N 3. N n 4. N from n	1. a/the messenger 2. second messenger 3. messenger system/RNA/mission/systems 4. messenger from Corinth	Life
930	<i>behaves</i>	v.	1. V n 2. V as n 3. V like n	1. behaves himself 2. behaves as a wave 3. behaves like a diode	Math/Comp
931	<i>lactose</i>	n.	1. det N 2. poss N 3. N n 4. of N	1. the/this lactose 2. my lactose 2. lactose molecule 4. (a picture) of lactose	Life
932	<i>patent</i> <i>patents (923)</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N by n 6. N of n 7. by N 8. in N 9. with N	1. the/a/this patent 2. patent application/office/protection/race/rights/ pool/regime/holders 3. drug/rank/design/matter patent 4. short-term patent 5. patent by the king 6. patent of industrialization 7. by a patent 8. in the/a patent 9. with the patent	Phys, Soc
		adj.	1. ADJ n	1. patent law/holders/pools/clerk	
		v.	1. V n	1. patent drugs/the diagnosis/the gene	
933	<i>flux</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N from N 6. N of n 7. by N 8. in N 9. from N 10. of N	1. this flux 2. flux material 3. planet/neutron/carbon/energy flux 4. constant/endless/unbelievable/enduring/net/ solar flux 5. flux from the sun 6. flux of the sun/momentum/energy/carbon 7. by the flux 8. in flux 9. from the flux	Phys

				10. (this world/a state/a reasonable amount) of flux, of the flux,	
934	<i>switches</i> <i>switch (328)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. in N 6. of N	1. the/those/these switches 2. our switches 3. light/spacetime switches 4. active/bidirectional/different/unidirectional /ideal switches 5. in my switches 6. (a series/the number/the realization/a set) of switches,	Math/Comp, Phys
		v.	1. V to n 2. V from n 3. V n	1. switches to Athens 2. switches from the first order process 3. switches frames of references	
935	<i>convert</i>	v.	1. V n into n 2. V n from n 3. V n to n 4. V n	1. convert rags into paper/it to a different use 2. convert the energy from that stimulus 3. convert it to DNA 4. convert fat	Math/Comp, Phys
936	<i>colon</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. of N	1. a/the colon 2. their colon 3. colon cancer/polyps/images/braces/field 4. comma/safety colon 5. (the lumen/the lining/the sides) of the colon	Math/Comp, Life
937	<i>tosses</i>	n.	1. num N 2. n N 3. adj N 4. in N 5. of N	1. two tosses 2. coin tosses 3. independent/different/remaining tosses 4. in tosses 5. (the number) of tosses	Math/Comp
		v.	1. V n 2. V n into n	1. tosses this 2. tosses them into the sea	
938	<i>capacitance</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N between n-pl 6. N for n 7. N from n 8. N of n 9. of N	1. the/this/a capacitance 2. capacitance veins/voltage 3. drain/gate/source/diode/depletion capacitance 4. linear/effective/shunting/parasitic capacitance 5. capacitance between those two conductors 6. capacitance for a given voltage 7. capacitance from each terminal 8. capacitance of that device/the diode/the depletion region 9. (the amount/the value/a dual) of capacitance	Math/Comp, Phys
939	<i>achilles</i>	n.	- proper noun, name 1. N n 2. of N 3. with N	Achilles 1. Achilles argument 2. (the arms/the death/an image) of Achilles 3. with Achilles	Human
940	<i>blotto</i>	n.	proper noun, name 1. N n 2. from N 3. in N 4. of N	Blotto 1. Blotto game 2. from Blotto 3. in Blotto 3. (a game) of Blotto	Soc
941	<i>spam</i>	n.	1. N n 2. adj N 3. for N 4. of N 5. with N	1. spam things/emails/button/data/message 2. obvious spam 3. for spam 4. (enough examples/different types)	Math/Comp

			6. without N	of spam 5. with spam 6. without spam	
942	<i>junction</i>	n.	1. det N 2. N n 3. n N 4. adj N 5. N between n-pl 6. N of n 7. at N 8. of N 9. with N	1. a/the/this junction 2. junction points/transistor/capacitance 3. gap/diode junction 4. synaptic junction 5. junction between the cerebellum 6. junction of the muscle/the pons and the medulla 7. at a/the junction 8. (the lateral margin) of the margin 9. with this junction	Life, Phys
943	<i>octagonal</i>	adj.	1. ADJ n	1. octagonal pagoda/plan/roof/zones/shape/roof	Human
944	<i>chemical</i>	adj.	1. ADJ n	1. chemical element/explosives/property/weapons	Life, Phys
945	<i>sparta</i>	n.	proper noun, location name 1. adj N 2. N with n 3. at N 4. in N 5. of N	Sparta 1. ancient Sparta 2. Sparta with a troop 3. at Sparta 4. in Sparta 5. (the north/Helen/king/the streets) of Sparta	Human
946	<i>frictional</i>	adj.	1. ADJ n	1. frictional force/unemployment/grip/inflow	Phys
947	<i>brackets</i> <i>bracket (463)</i>	n.	1. det N 2. n N 3. adj N 4. by N 5. in N	1. the brackets 2. scroll brackets 3. little/inserting/round/square/angled/curly brackets 4. by brackets 5. in brackets	Math/Comp
948	<i>genomes</i> <i>genome (156)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. in N 6. of N	1. the genomes 2. our/their/your genomes 3. animal genomes 4. single/big/human/small/big genomes 5. in genomes 6. (the study/the language/the number) of genomes	Life
949	<i>Athens</i>	n.	proper noun, name 1. N n 2. adj N 3. N by n 4. N of n 5. from N 6. in N 7. of N	Athens 1. Athens neighbor 2. ancient/classical Athens 3. Athens by the king 4. Athens of rationality 5. from Athens 6. in Athens 7. (the polis/the extensive networks/the ruins/the north) of Athens	Human
950	<i>isotropic</i>	adj.	1. ADJ n	1 isotropic materials/aluminum/case/solid/plane	Phys
951	<i>asset</i>	n.	1. det N 2. ord N 3. N n 4. adj N 5. in N 6. of N	1. an asset 2. first/second asset 3. asset side/plant/ownership/holdings/market 4. political/particular/capital/risk-free/huge asset 5. in every asset 6. (the covariance) of asset	Soc

952	<i>lastly</i>	adv.	1. ADV, sentence	1. Lastly, I will explain .../I want to give...	Life
953	<i>neuronal</i>	adj.	1. ADJ n	1. neuronal circuits/plasticity/process/system	Life
954	<i>simulation</i>	n.	1. det N 2. poss N 3. N n 4. n N 5. adj N 6. N of n 7. in N 8. with N	1. a simulation 2. your/our simulation 3. simulation gap/platform/tools/software 4. city/computer simulation 5. urban/good/powerful/particular simulation 6. simulation of nuclear fusion/these patterns/fish 7. in the simulation 8. with the simulation	Phys
955	<i>renewable</i>	adj.	1. ADJ n	1. renewable energy/forms/resources/fuels	Phys
956	<i>introns</i>	n.	1. det N 2. num N 3. adj N 4. in N 5. of N	1. the/these introns 2. six introns 3. small/big introns 4. in introns, in the introns 5. (a handful/the peculiar phenomenon) of introns	Life
957	<i>oops</i>	interject.	INT, sentence	1. Oops, things should be five... /and he says...	Math/Comp, Phys
958	<i>transporter</i>	n.	1. det N 2. N n 3. n N 4. adj N	1. the/this/a transporter 2. transporter molecules 3. sodium/glucose/dopamine transporter 4. particular/simple/specific/chloride/generic transporter	Life
959	<i>approximate</i>	v.	1. V n	1. approximate norms/loss	Math/Comp
		adj.	1. ADJ n	1. approximate value/number/way/calculation	
960	<i>computes</i> <i>compute (54)</i> <i>computing (529)</i>	v.	1. V n	1. computes a function	Math/Comp, Phys
961	<i>putamen</i>	n.	1. det N 2. poss N 3. from N 4. of N 5. to N 6. with N	1. the putamen 2. our putamen 3. from the putamen 4. (anterior continuity) of the putamen 5. to the putamen 6. with the putamen	Life
962	<i>encode</i>	v.	1. V n	1. encode this/their polymerase/proteins	Life
963	<i>luminosity</i>	n.	1. det N 2. poss N 3. adj N 4. N of n 5. of N	1. the luminosity 2. its/their luminosity 3. mysterious/intrinsic/overall/same/current/low/phenomenalluminosity 4. luminosity of the sun/the earth/the star 5. (the logarithm/equal roots/the normal equation) of luminosity	Phys
964	<i>intuitively</i>	adv.	1. ADV adj	1. intuitively appealing/obvious	Math/Comp
965	<i>ide</i>	n.	proper noun, IDE 1. det N 2. poss N 3. n N	-IDE 1. the/an/this IDE 2. your IDE 3. CS50 IDE	Math/Comp

			4. adj N 5. in N	4. actual/powerful IDE 5. in IDE	
966	<i>bach</i>	n.	proper noun, name	Bach	Human
967	<i>axes</i>	n.	1. det N 2. poss N 3. num N 4. n N 5. adj N 6. of N 7. on N	1. the axes 2. their/our/my axes 3. two/five axes 4. stone axes 5. perpendicular/ceremoninal/different/ respective/ skewed axes 6. (a number/the angles) of axes 7. on his axes	Math/Comp, Phys
968	<i>frames</i> <i>frame (84)</i>	n.	1. poss N 2. num N 3. n N 4. adj N 5. N of n 6. in N 7. of N	1. your frames 2. two frames 3. window/time/door/photo/reference frames 4. different/rounded/large/movable frames 5. frames of beams and columns/reference/the structure 6. in different frames 7. (one) of the frames	Phys
		v.	1. V n	1. frames things	
969	<i>aria</i>	n.	1. det N 2. adj N 3. N by n 4. N with n 5. in N 6. for N 7. from N 8. of N 9. to N	1. an/this/the aria 2. central/beautiful/difficult aria 3. aria by Puccini/Henry Purcell 4. aria with its very deliberate rhythms and melody 5. in an aria, in aria 6. for an aria 7. from aria 8. (that music) of an aria, (the words/the end) of the aria, (a snippet) of this aria 9. to an/this aria	Human
970	<i>descartes</i>	n.	proper noun, name 1. for N 2. to N	-Descrates 1. for Descrates 2. to Descrates	Human
971	<i>inertial</i>	adj.	1. ADJ n	1. inertial frames/effects/force/object/motion	Phys
972	<i>compare</i>	v.	1. V n 2. V n to n 3. V n with n	1. compare what's happening here 2. compare it to what we saw 3. compare that with the Basilica	Life, Phys
973	<i>password</i>	n.	1. det N 2. poss N 3. n N 4. N n 5. adj N 6. N from n 7. for N 8. in N 9. with N	1. a/the password 2. my/your/their password 3. PayPal/name/master/login password 4. password field/attack 5. secure/lame/complicated/encrypted/original password 6. password from me 7. for your password 8. in your password 9. with a password	Math/Comp
974	<i>cpu</i>	n.	proper noun 1. det N 2. poss N 3. N n 4. N to-inf 5. on N	-CPU 1. a/the CPU 2. your CPU 3. CPU chip/register/instructions/cost 4. CPU to hold data 5. on a/the CPU	Math/Comp
975	<i>comes</i>	v.	1. V to n 2. V from n	1. comes to us 2. comes from this	Human

			3. V out of n	3. comes out of the depths	
976	<i>cystic</i>	adj.	1. ADJ n	1. cystic fibrosis	Life
977	<i>paintball</i>	n.	1. det N 2. N n	1. the/a/this paintball 2. paintball gun/velocity/experiment/apparatus/ explosion/case	Phys
978	<i>ribosome</i>	n.	1. det N	1. the/this ribosome	Life
979	<i>promoter</i>	n.	1. det N 2. poss N 3. n N 4. N n 5. adj N 6. N for n 7. N of n 8. at N 9. with N	1. the/a/this promoter 2. my/your promoter 3. theater promoter 4. promoter entrepreneur/region 5. good/minimal/bacterial/every promoter 6. promoter for this gene 7. promoter of the gene 8. at this/my promoter 9. with a promoter	Life
980	<i>copies</i> <i>copy (673)</i>	n.	1. det N 2. num N 3. n N 4. adj N 5. N of n 6. in N 7. of N	1. those/these copies 2. 50/two/one million copies 3. Line element/master/descendants copies 4. beautiful/digital/different copies 5. copies of that material/them/the novel/the text 6. in both copies 7. (thousands/a function/a limited number) of copies	Life
		v.	1. V n	1. copies some features/full books/itself /the string	
981	<i>lookup</i>	n.	1. det N 2. poss N 3. N n 4. n N	1. the/a lookup 2. our lookup 3. lookup table/time/procedure 4. dictionary/information lookup	Math/Comp
982	<i>overfitting</i>	v.	1. v-link V	1. be overfitting	Math/Comp
		adj.	1. ADJ n	1. overfitting problem	
983	<i>ip</i>	n.	proper noun 1. det N 2. poss N 3. N n	-IP 1. an IP 2. my IP 3. IP address/packet/space/version	Math/Comp
984	<i>elasticity</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N of n 6. of N	1. the elasticity 2. your elasticity 3. price/demand/income/supply elasticity 4. perfect/linear elasticity 5. elasticity of demand/cigarette demand 6. (the concept/the modulus) of elasticity	Life, Soc
985	<i>colliculus</i>	n.	1. adj N	1. inferior/superior colliculus	Life
986	<i>heterozygote</i>	n.	1. det N 2. N n 3. n N 4. N for n 5. in N	1. a/this heterozygote 2. heterozygote phenotype 3. function heterozygote 4. heterozygote for this affected trait 5. in the heterozygote	Life
987	<i>cones</i> <i>cone (890)</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N with n 6. in N 7. of N 8. with N	1. the/these/those cones 2. our cones 3. wavelength/growth cones 4. different/enormous/red/light cones 5. cones with honey/this red response curve 6. in their cones	Life

			9. within N	7. (the distribution) of cones, (the sensitivity) of our cones, (the intersection) of the cones 8. with two cones 9. within the cones	
988	<i>midline</i>	n.	1. det N 2. adj N 3. N of n 4. from N 5. in N 6. of N	1. the midline 2. dorsal/ventral/visual/anterior midline 3. midline of the medulla/the thalamus/the spinal cord/the section 4. from the midline 5. in the midline 6. (the left side) of the midline	Life
989	<i>eave</i> <i>eaves (670)</i>	n	1. det N 2. N n 3. adj N 4. N of n 5. of N 6. under N	1. the eave 2. eave hall/pagoda/structure/beams/columns 3. dense/lower/shallow/wooden/front eave 4. eave of the ground floor/Foguang Temple 5. (the processing/the lower layers) of the eave 6. under the eave	Human
990	<i>magma</i>	n	1. det N 2. N n 3. adj N 4. N with n 5. in N 6. of N	1. the/this magma 2. magma chamber 3. volcanic/basaltic/viscous magma 4. magma with lots of droplets 5. in the/a magma 6. (a huge volume/the composition/the silica content/the production) of magma	Phys
991	<i>tranches</i>	n	1. det N 2. num N 3. n N 4. adj N 5. in N 6. of N 7. on N	1. these tranches 2. three tranches 3. equity/mezzanine tranches 4. riskier/super-senior/safest/synthetic/different/ high/senior tranches 5. in tranches 6. (market spreads) of tranches 7. on the tranches	Soc
992	<i>proposition</i>	n	1. det N 2. poss N 3. ord N 4. n N 5. adj N 6. N of n 7. N to n 8. N with n 9. for N 10. of N 11. with N 12. N that-clause [appositive]	1. a/this proposition 2. our/his/your proposition 3. first/second proposition 4. service/value/ballot/shareholder proposition 5. particular/specific/true/false proposition 6. proposition of our brand 7. proposition to that segment 8. proposition with regards to the particular text 9. for the proposition 10. (knowledge) of this proposition 11. with the proposition 12. proposition that the cat is...	Math/Comp, Human
993	<i>sulfur</i>	n.	1. det N 2. N n 3. adj N 4. of N	1. the/a sulfur 2. sulfur atom/dioxide/gas 3. radioactive sulfur 4. (1 gram/this amount/one mole) of sulfur	Phys
994	<i>folate</i>	n.	1. det N 2. N n	1. a folate 2. folate	Life

			3. adj N 4. N for n 5. in N 6. of N	enzymes/metabolism/pumps/expe rt group/ deficiency 3. enough/supplemental folate 4. folate for genome integrity 5. in folate 6. (the purpose/various aspects/lack/active forms) of folate	
995	<i>intestine</i>	n	1. det N 2. poss N 3. adj N 4. by N 5. in N 6. of N	1. the/an intestine 2. your/its intestine 3. small/largelong intestine 4. by the intestine 5. in the intestine 6. (the lumen/the lower portion) of the intestine	Life
996	<i>filtrate</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. N of n 6. from N 7. in N 8. out of N 9. within N	1. the filtrate 2. our filtrate 3. flow/tubule filtrate 4. low/renal filtrate 5. filtrate of the kidney 6. from the filtrate 7. in the filtrate 8. out of the filtrate 9. within the filtrate	Life
997	<i>volcanoes</i>	n.	1. det N 2. poss N 3. n N 4. adj N 5. from N 6. of N	1. these/the volcanoes 2. its volcanoes 3. shield volcanoes 4. major/recent/huge/extinct/active/ dangerous volcanoes 5. from volcanoes 6. (huge amounts/great majority/different types/a line/a series) of volcanoes	Phys
998	<i>hexadecimal</i>	adj.	1. ADJ n	1. dexadecimal systems/digit/number/notation/ values	Math/Comp, Phys
999	<i>secreted</i>	v.	1. (v-link) V by n 2. (v-link) V from n 3. (v-link) V in n 4. (v-link) V into n 5. adv V	1. (is/are) secreted by the lungs/the zone one/the cell/target issues/the stomach 2. (is/are) secreted from the first cell/the gland 3. (is) secreted in the elderly 4. (is) secreted into the blood 5. slightly secreted	Life
		adj.	1. ADJ n	1. secreted chemical	
1000	<i>traveling</i>	n.	1. det N 2. poss N 3. adj N	1. the traveling 2. your traveling 3. daily/light traveling *. do the traveling	Phys
		v.	1. V to n	1. traveling to a foreign country/	
		adj.	1. ADJ n	1. traveling object/companions/wave	

