abstractionism	Aristotelian categories
critique of, 414–16	in Clement of Alexandria, 431–35
Ackrill, J.L., 96, 98, 102, 103, 109, 123	Aristotelian forms, 170–77
actualization	Aristotle
processes, 369	Alexandrian interpretations of,
adiaphora, 134	424–26
Aeschylus	on attaining knowledge of scientific principles,
Agamemnon, 29	137–45
Aëtius, 260	Categories, 151–55
affections, 186, 194, 196, 247, 406, See also	on concept acquisition, 124–37
pathēmata	and concepts, 148–51
aisthēma, 125	relative, 293–96
aisthēsis, 16, 120, 125, 131, 136, 206	on Democritus, 19
Alcinous	distinction between types of potentiality and
Didaskalikos, 335, 339	actuality, 369
Alcmaeon, 19, 21, 22n17, 25	Generation of Animals, 173
Alexander of Aphrodisias, 5, 252, 257	Metaphysics, 21, 25–26, 149–50, 162, 163–68,
on concepts, 368–83	171-72, 182-84, 187-88, 189
ambiguity, 108–11	On the soul, 25
Ammonius, 424	Organon, 120–24
analogy, 225, 226	Peri Ideōn, 155–59
anankē, 33	Posterior Analytics, 119–20, 142–44, 179–82
Anaxagoras, 18, 22n18, 27, 32–33	on Socrates, 36, 41–43, 46, 49
Anaximander, 30	Topics, 141, 162
animals	arithmetic
cognitive capacities in, 125–26	as prerequisite, 71
anthropomorphism, 217	for philosophical inquiry, 56–57
Apollonius, 310	arkhē, 30
Conics, 313–14	articulation, 334n15, See diarthōsis
aporrhoiai, 18	in Epictetus, 243–44
appearances, 64	in Simplicius, 244
conflicting, 69	Stoic, 361–63
appearances, images, impressions. See phantasia	assumption. See hupolēpsis
Archimedes, 310	Atomists, 21
On Balancing Planes, 318–19	Atomists, 21
On Floating Bodies, 311–13	habbling fallacy age
Sphere and Cylinder, 3113	Babut Daniel 240 50 251712 254
and Eudoxus, 325	Babut, Daniel, 349–50, 351n13, 354 Bailey, D.T.J., 261n10
Archimedes Palimpsest, 308	• • •
	Barnes, Jonathan, 132–33, 183n10, 201,
Archytas, 310, 323, 326	410n23 Basil of Caesarea 444 47, 450
Arianism, 441–42	Basil of Caesarea, 444–47, 450

beliefs	and concepts
and preconceptions, 216–19	in Stoic terminology, 238–40
blood	natural, 4
as organ of thinking, 21	and preconceptions, 240–45
body. See also soma	concepts
preconception of, 213–14	acquisition of, 71–72, 145–46
Bostock, D., 96	ancient approaches to, 2–4, 17
Boys-Stones, George, 342	in Aristotle, 148–51
brain, 21, 22	Organon, 120–24
Brandom, Robert B., 362n52	in commentaries, 317–22
	concept of, 147–48, 176
calculation. See logismos	contents of, 345–46
Callimachus	derivative, 223–24, 226, 228
Pinakes, 316	featured in dogmatic definitions, 273-79
capacity. See also dunamis	formation
underlying, 194–97	in Alexander of Aphrodisias, 368–72
Carey, Susan, 181n6	phylogenetic, 17, 34
Caston, Victor, 250, 251	and Forms, 83–95, 168–70
centaurs	generic, 297
notion of, 227	nature of, 36
Cherniss, H., 364n60	in Neoplatonist tradition, 404–26
Chrysippus, 240, 249, 253, 256, 257	as non-existent somethings, 250–51
Ethics	as not-somethings, 248–50
Concerning the Articulation of Ethical	Plotinus vs. Stoics on, 398–402
Conceptions, 242	relative. See relative concepts
Church fathers, 5, See also Early Christian	as sayables, 251–54
thinkers	in Sextus Empiricus, 264–73, 279–84
Cicero, 208n12, 240	in Socratic arguments, 50–54
Academica, 243	Stoic account of, 385–87
Lucullus, 358–59	vs words, 17, 28–34
On the Nature of Gods, 210	contemplation, 335
circularity problem, 178, 180	co-recollection, 241n13
Cleanthes, 253	correct speaking, 108
Clement of Alexandria, 429–35, 450	cosmogony
Clidemus, 19, 26	in Origen, 435–37
cognition	craft. See technē
developmental view, 27	Crivelli, P., 110n28
cognitive development	Cuomo, S., 321
in Aristotle, 178–202	Cyclops
commentaries	notion of, 228
concepts in, 317-22	
common conceptions, 4, 5, 245–46	Damascius, 422–23
in Plotinus, 384n1	de Harven, Vanessa, 251n33
Stoic approach criticized by Plutarch, 350–56,	death
363–67	preconception of, 231–32
Stoic reliance on, 356–63	definitions
common concepts	in Aristotle, 148–49
in Damascius, 423	in Clement of Alexandria, 430–31
common sense, 46, 51, 185, 349, 351	in Epicureanism, 216–19
and Plutarch's conception of Platonism, 360	objects of, 77
common things. See koina	real, 48
common, the. See koinon	vs. nominal, 42–43
composition. See sunthesis	Socrates' search for, 76
conceptions	unity of, 78
common. See common conceptions	Demetrius Laco, 209, 229

Democritus, 16, 19, 25	in Alexander of Aphrodisias, 375-80,
and cognition, 26	382
eidōla, 18	as concept under construction, 375-80
images, 19	in Epicurean texts, 204
on origin of human language, 29	in Gregory of Nyssa, 441
diagnōsis, 24	in Porphyry, 411
dialectic, 113–14, 141, 222, 362	in Sextus Empiricus, 263
dianoēma, 5	stirring of, 58
dianoētikos logos, 405	ennoiai, 44, 239
dianoia, 4, 5	and Forms, 335–36, 338–41
in Proclus, 417	metaphysical foundation of, 336-41
diaphorai, 125	Platonist notion of, 332–36
diarthōsis, 243	Stoic doctrine of, 331–32
differences/distinctions. See diaphorai	ensouled
dikē, 33	property of being, 215
Diodorus Cronus, 265	epagōgē, 136–37, 140, 144
Diodorus of Sicily, 29	epibolē, 214
Diogenes Laertius, 219, 222, 226, 238, 240–41,	in Epicurean texts, 204
257, 261	Epictetus, 37
account of Stoic theory of concept formation,	on preconceptions, 45, 50
227	on process of articulation, 243–44
Diogenes of Apollonia, 18, 21, 25	
Diogenes of Oinoanda, 207	on Socrates, 36, 44–47 Epicurean approach
direct encounter. See periptōsis	to preconceptions, 203–36
discernment, 24	Epicureans
discursive reason. See dianoia	*
divine wisdom. <i>See also sophia</i>	vocabulary of, 203–4
in Origen, 437	Epicurus empiricist theory of concept formation, 19
division, method of, 8, 99–102, 112	on epistemology and philosophy of language
Domninus of Larissa	204–5
The Handbook of 'The Arithmetical	Letter to Herodotus, 28–29, 213–14, 224–25
Introduction', 320	
doxa	epinoia, 4, 5
	in Basil of Caesarea, 444–45
in Proclus, 417	in Epicurean terminology, 226
doxastikos logos, 405	in Epicurean texts, 204
dunamis, 129, 182–83, 190	in Gregory of Nyssa, 441, 443–44, 446–48,
Fordy Christian thinkons 107 00	449
Early Christian thinkers, 427–29	in Origen, 440
education, 317	in Sextus Empiricus, 264
eidola, 206, 208	epinooumenon, 4
eidos, 5, 17, 33, 79, 171, 176	in Epicurean texts, 204
elements, 33	epistēmē, 129, 131, 140, 182, 334
eliminative arguments, 51	in Alexander of Aphrodisias, 381
emanations, 18	in Aristotle, 201
Empedocles, 21, 25, 28, 32	Forms as foundation for, 340–41
emanations, 18	epistemology
poroi, 19	empiricist, 203, 336
empeiria, 120, 129	Epicurean, 235
enargeia, 206	in Epicurus' Canon, 204
enargēs, 227	of Greek mathematicians, 308
encephalocentrism, 22, 23	Neoplatonist, 404
ennoēma, 4, 5, 122, 192, 238, 297	Platonic, 56
of empeiria, 121–22	Plotinus', 386
in Sextus Empiricus, 261–62	Plutarch's, 343
ennoia, 4, 5, 116, 238, 297, 331	Stoic, 241, 243, 251, 255, 257, 258

equality	god
conception of, 73	common concept of, 265
knowledge of, 75	preconception of, 210-11, 231
as object of intellectual inquiry, 75-76	goodness
Eratostenes, 327	as object of intellectual inquiry, 75–76
Euclid	Greatest Kinds, 99, 102, 103–6, 107, 110, 117
Elements, 310, 315–16	Greek mathematicians, 322-25
Book 1, 319–20	Gregory of Nyssa, 441–51
Book 5, 323-25	
Eudemus, 322	happiness, 54, See homõisis
Eudoxus, 310, 327	Havelock, E.A., 34
and Euclid's Elements Book 5,	Havrda, Matyáš, 429
323-24	Hellenistic mathematics, 311-17, 326-29
Eunomius, 441–42, 443, 445, 449	Helmig, Christoph, 414n36
Eutocius, 318	Heraclitus
commentary to Archimedes' On Balancing	on ambiguity of words, 32
Planes, 318–19	Hermarchus, 216
exclusivity, 286, 292	hermeneus, 23, 24
principle of, 289	Hermias, 412, 414
experience. See empeiria	Hero of Alexandria, 310
in Aristotle, 180, 188–94, 200	Definitions, 316
from memory, 188–92	hexeis, 120, 131, 182–84, 195
to technē, 192–94	Hippocratic treatise
expression	On the Sacred Disease, 22–23
relation with thought, 408–9	homoiotēs, 227
8, 1,	and Epicurean theory of concept formation, 226
fact-value distinction, 77	homōisis, 335
false statement, 115–17	hupokeimena, 151
Fine, Gail, 96, 103, 113	hupolēpsis, 4, 121, 217
finger	huponoia, 4
concept of, 62, 67, 70, 72	
focusing. See epibolē	idea, 17, 33, 79
Forms, 17, 33, 74–83	image, 19
Aristotelian, 170–77	impressions. See phantasia
and concepts, 83-92, 168-70	in the soul, 247
as concepts, 102–3	imprints, 18, See also tupos
and <i>ennoiai</i> , 335–36, 338–41	induction, 198, 201, 339, 340n38, 414
knowledge of, 341–44	inference. See metabasis
as necessary to thinking, 113-15	innatism, 24n27, 255-56
negative, 111-12	intellect, 27, 194, 195, 370
in Origen, 438–41	in Alexander of Aphrodisias, 380–82
role of, 96–99	common, 371, 379
as source of concepts, 92-95	divine
Forms-thoughts hypothesis, 89	in Alexander of Aphrodisias, 372-75
Fourfold Medicine. See Tetrapharmakos	in Gregory of Nyssa, 448–49
Fowler, David, 308	in Plotinus, 407–8
Frede, M., 109n27, 181n8	potential, 360, 361, 368-72, 373, 375, 378,
Frege, G.	382, 424
The Foundations of Arithmetic, 392–93	as unity of concepts, 380–82
***************************************	intellection, 335, See also noēsis
Gasser-Wingate, M., 198n42	intellectual insight, 27
genus, 17, 152, 166–67	intelligence, 27
Gill, Mary Louise, 105	
gnōmē, 26	judgment. <i>See hupolēpsis</i>

katholou, 149, 153	concepts understood as, 96, 102,
Kenny, Anthony, 196	114-15
kinds, 147	noēmata as, 433
King, R., 186n16	and preconceptions, 220, 222
Knorr, W.R., 315	of predicate expressions, 103
knowledge	memory, 120, 126
in Aristotle, 180	in Alexander of Aphrodisias,
in Homer, 27	381-82
and levels of development, 195	in Aristotle, 180, 182–92
objects of, 76, 77, 87	from perception, 182-88
and perception, 196	to experience, 188–92
in Plato's Republic, 88	Meno's paradox, 179, 218
resulting from stabilization of opinion, 22	and Stoicism, 366-67
koina, 104, 117	mental images, 412
koinai	mentalist proposal, 90
ambiguity of term, 246	metabasis, 225, 228
koinai ennoiai, 4, 5	metabatikē noēsis
koinon, 149	in Proclus, 417
kosmos, 33	Mignucci, M., 287n6
, ,,,	mind, 388, See also soul
language	in Aristotle, 123
formation, 28–29	atomic structure of, 209
function, 30	concept of, 40
origin, 222	conceptions in, 332, 365
Late-learners problem, 108	concepts in, 387
lawgiver, 29, See also nomothetēs	divine, 435, 439
lekta. See sayables	forms in, 173
in the soul, 247	
learning	human, 449, 450 numbers as notions in, 392
in Aristotle, 195	phantasma of, 248, 252
as recollection, 75, 93	preconceptions in, 217, 220, 229
Lesher, James, 27, 133	role of, 117, 208, 236, 243
logical stabilization, 22n19	mind's eye, 91
logismos, 62, 63, 125	mind-independence, 92, 97, 254
logoi. See also logos	Moore, G.E.
in Alexandrian philosophers, 426	
	on definitions, 39–40
in Origen, 437–38	Moravcsik, J.M.E., 98, 103, 109
in Plotinus, 405–9	morphē, 17
substantial, 416–17, 422	musical harmony
logos, 5, 33, 175, 176	theory of, 327
three types of, 404	Mutschmann, H., 270n21
Long, Tony, 336	names and namina as as as as as
Lucretius, 222, 232, 233	names and naming, 29–30, 442–45, 449
Madaia Ialan aa	nature, 76
Mackie, John, 41	divine, 445
Mansfeld, Jaap, 240, 241, 252	of human intellect, 448–49
mathematical elaboration of music,	and language, 28
327	principles better known in, 143
mathematics	in Stoicism, 356, 362
Greek, 322–29	vs. convention, 77
eras, 311	Nawar, Tamar, 292n15
genre, 308–11	New Academy
Hellenistic, 311–17	and common conceptions, 356–63
terminology, 309–10	Nicomachus, 310
meanings, 3, 110, 148	The Arithmetical Introduction, 320

noēma, 4, 5, 84, 98, 122, 130	paradigms
in Alexander of Aphrodisias, 375–80	notion of Forms as, 82
as concept under construction, 375–80	Parmenides, 16, 18, 25, 26, 27, 32
in Damascius, 423	on names and naming, 30
in Gregory of Nyssa, 444, 446	participation, 81, 298, 395
in Proclus, 421	particulars
of universals, 123	and universals, 135, 136–37
noēsis, 4, 5, 27, 62, 63, 66, 140, 371	pathēmata, 122, 123
in Epicurean texts, 204	percept. <i>See aisthēma</i>
in Sextus Empiricus, 264	percepts, 125
nomothetēs, 29. See also lawgiver	Peri Ideōn, 155–59
non-existent somethings, 250-51	perilēpsis, 4
nooumenon, 4	Peripatetics, 360, 361, 414
in Epicurean texts, 204	periptōsis, 227
'Not-someone' argument, 249	phantasia, 125, 238
not-somethings, 248-50	in Alexandrian philosophers, 424,
nous, 27, 114, 120, 131, 140, 183	425-26
in Aristotle, 201–2	phantasmata, 248, 252, 261
as a capacity, 201–2	in Alexandrian philosophers, 424–25
number(s), 60	Philodemus, 216, 217, 232, 233
categorizing, 67	On signs, 339n35
concepts of, 56, 308	Philolaus, 327
nature of, 56, 69	Philoponus, John, 424–26
as notions in mind, 392	phthongoi
in Plotinus, 387	preconceptions of, 205
,)-/	phusikai ennoiai, 4, 240–45
Obbink, Dirk, 246	Plato
one	Charmides, 87
categorizing, 67	Cratylus, 29–30
concept of, 56, 57–60, 72, 390–92	Euthyphro, 77
conception of, 387–88	Laches, 35
and not one, 388	Meno, 77
in Plotinus, 393, 394, 397–98	Parmenides, 81–92, 98, 104, 107, 114, 385
and two, 398	399
oneness	Phaedo, 20, 92–95, 96, 398
nature of, 69	Phaedrus, 92–93
-	
onomata, 31	Protagoras, 82
onomatourgos, 29	and relative concepts, 286–92
opposites, 67, 78	Republic, 54–73, 88
oral transmission	Sophist, 98, 99–103, 105–12, 114–16
decreasing importance of, 34	Statesman, 101
Origen, 435–41, 450	Symposium, 289–92
ousia, 151, 166, 175	Theaetetus, 86, 104, 116, 322-23, 333-34
ousiōdēs logos, 404	Timaeus, 75, 104
Owen, G.E.L., 103	Platonic Forms. See Forms
	Platonism, 330–31
pain, 232	Platonists
preconception of, 232	as crypto-sceptics, 344
pairs	pleasure, 232, 234
of appearances, 66	Plotinus, 5, 344, 384–403
of opposite properties, 78	Enneads 6.6.12, 387–92
Pappus, 311, 318	Enneads 6.6.13, 392–96
Collection, 320–21	Enneads 6.6.14, 397–98
commentary to Euclid's Elements Book 10,	and Origen, 438–41
322-23	variety of mental contents in, 405-9

Plutarch	Pyrhonnian Scepticism, 5
De Iside et Osiride, 342–43	Pythagoras, 30
On common conceptions, 345–67	
poem	rationality
preconception of, 234	building blocks of, 254-56
Polus, 21	Rawls, John
boroi, 19	on the concept of justice, 41
Porphyry, 409–12	realism
preconceptions, 44-45, 50, 261, See also	Aristotelian, 151–59
prolēpsis	reason
of body, 208, 212, 214	discursive. See dianoia
and conceptions, 240-45	human
common, 245–46	emergence of, 239
Epicurus' model of, 205–7	in Plotinus, 406–7
ethical use of, 231–35	recollection, 93, 96, 186, 340
formation of, 207-11	extent and nature of, 73
of good property manager, 211, 233, 234	in Proclus, 416–17
and human flourishing, 231-35	simultaneous. See co-recollection
identifying, 229–31	theory of, 75
as meanings, 220, 222	Reinhardt, K., 29
natural, 245	relative concepts, 285-86
and other concepts, 223–29	ancient thinking about, 305-6
and permanent properties, 212–15	in Aristotle, 293–96
scope of, 211–12	in Plato, 286–92
Stoic view of, 45–46	according to Sextus Empiricus,
and true beliefs, 216–19	302-5
and word use, 219–23	Stoic approach to, 296–302
of words and expressions, 205	remembering
predicates, 33	in Aristotle, 185–86
primary conceptions. See preconceptions	reminiscence, 16, 334
principles	rhetoric
coining of word, 30	technicity of, 235
grasp of, 120	rhizōmata, 33
Proclus, 311, 315, 416–22	Ross, W.D., 186n16
commentary on Plato's Parmenides, 418,	Russell, Bertrand, 286, 292
420-21	Ryle, Gilbert
commentary to Euclid's Elements Book 1,	on the concept of mind, 40
319–20	•
Prodicus, 33	sayables, 219–20, 251–54
prolēpsis, 4, 5, 44, See also preconceptions	scepticism, 344
coining of term, 240	in Sextus Empiricus, 269–70
in Epicurean texts, 204	Pyrhonnian, 5
in Sextus Empiricus, 262–63	ten modes of, 338n28
properties, 147	scholars
permanent, 212-15	as teachers, 318-19
proportion	Schrenk, L.P., 339n35
general theory of, 323-25	science and scientific knowledge. See epistēmē
Protagoras, 33	scientific principles, 131
prudence, 365	Scott, D., 96
Ptolemy, 310	Sedley, David, 98, 110
Geography, 317	Sefrin-Weis, H., 320
puzzle of Conflicting Appearances,	self-sufficiency
64	conception of, 419
puzzle of the One and Many, 64, 65, 68	sēma, 33

sensation(s), 18–24, See also aisthēsis	universals in, 121, 123, 127, 130, 132, 134,
and thought, 24–28	193, 199, 377, 412, 416
separation, 79	species, 17, 147, 152, 167–68
in Aristotle, 169	stabilization, 21
Sextus Empiricus, 5, 227–29, 230, 240n10	Stalnaker, Robert
Against the Ethicists, 263, 271, 276	on concepts, 36n4
Against the Geometers, 265, 271–72, 275	states. See hexeis
Against the Grammarians, 276–77	Stoic conceptions and concepts, 237-38, 385-87
Against the Logicians, 267, 271, 274, 279–80	common, 353–56
Against the Physicists, 263, 265, 271–73, 275,	epistemic function of, 254-58
276	ontological status, 247–54
Against the Rhetoricians, 273–74	Plotinus' analysis of, 384–403
and concepts, 259-60, 264-73, 279-84	preconceptions, 45-46
relative, 302–5	relative, 296–302
on Democritus, 19	Stoic doctrines
historical background to usage of 'concept',	criticized by Plutarch, 347–50
260–64	Stoic terminology, 238–46
Outlines of Pyrrhonism, 269, 274, 278, 279–80	stoikheia, 33
signs, 33	substances. See also ousia
treatment by Sextus Empiricus, 266-67	primary and secondary, 151-54, 165, 168
similarity, 226, See homoiotēs	substrates. See hypokeimena
Simplicius, 298	sunētheia, 349, 355, 363
commentary on Aristotle's Categories, 393, 394	sunthesis, 227
on process of articulation, 244	supposition. See hupolēpsis
Socrates, 17	suspension of judgement, 266, 267, 269, 274, 281
and concepts, 50-54	synonymy, 172
and conceptual arguments, 54-55	Syrianus, 412–16
on definitions, 48	systematic inquiry
on knowledge and virtue, 49	in The Republic, 54–55
on path from sensation to concept, 20	-
and systematic inquiry, 50-51, 54-55	teaching
Socratic arguments, 47-48	by scholars, 318–19
Socratic definitions, 36-39, 54	technē, 125, 128, 131, 132, 182, 183–84, 189
according to Aristotle, 41-43, 46	from experience, 192-94
as conceptual analyses, 39-41	Tetrapharmakos, 231
according to Epictetus, 44-47	Theaetetus, 310, 322, 327
Socratic midwifery, 363	Theon, 318
sõmata, 247, See also body	Theophrastus
'something', 247-48	On sensations, 18–19, 25–26
sophia, 124, 129	Theopompus, 37, 38, 39, 44
sophists	thinking
on names and naming, 33	acts of, 84, 86, 90
Sorabji, Richard, 186n17, 186	and Forms, 113–15
soul, 58, 75, 86, 90, 180, 181, 406	what is, 27
access to Forms, 92, 94	Third Man Argument, 90–92
of animals, 413	thought(s), 85, 88, 98, See also ennoēma
capacities of, 182	relation with expression, 408-9
conceptions in, 239, 365	and sensation, 24-28
concepts in, 5, 150, 174, 175, 405, 408	to katholou, 5
conceptual differentiation in, 202	to ti ēn einai, 162–63
forced into <i>aporia</i> , 62–70	Todd, Robert, 246
impressions in, 125, 238, 247	truth
potentiality in, 191, 196	criteria of, 256-58, 261
rational, 191, 194, 238, 370, 416, 426	tupos, 18, 125
thinking, 420	twins, 87, 88, 89

two concept of, 56, 59, 72	and scientific principles, 137–45 substantial, 154
'two world' thesis, 80, 81	
	verb 'to be', 103
understanding. See noësis	ambiguity of, 108–10
undifferentiated things. See adiaphora	virtue, 183, 351, 365
unity	Vlastos, G., 82n14
in Plotinus, 395–96	Vogt, K., 283n40
universal, the, 5, 130-31, See also katholou	vowel kinds, 105–6
universals, 148, 385n5	·
acquisition of, 135	wisdom, 335, See also sophia
in Aristotle, 159–63	words
Metaphysics, 163–68	vs concepts, 28–34
entire, 130–36	world-soul, 104, 421
formation of, 371	writing
grasp of, 120	diffusion of, 34
immanent, 155–59	
later-born, 405, 412, 416, 418-19, 422	Xenophanes, 27, 32
and particulars, 135, 136-37	*
in Porphyry, 410, 412	Zeno, 253, 385, 386
non-substantial, 154–55	and thought of 'some one thing', 400