Supplemental Homework: Algebra

This table is a list of algebra problems in the skinny book, categorized by subject matter, format, difficulty level, and topic. Difficulty level is according to my own subjective assessment, as applied to an average student.

Chapter 3, pp. 45+

Page	#	Subject	Format	Level	Topic
46	3	Arith / Alg	QC	M	Combining like terms, arithmetic sequence
46	4	Arith / Alg	QC	E	Distributive rules, exponents and signs
47	8	Arith / Alg	MC1	M	Arithmetic sequence
48	12	Arith / Alg	MC1	E	FDPs
49	15	Arith / Alg	MC1+	M	Absolute value inequalities
50	17	Arith / Alg	NE	M	Factorization

Chapter 4, pp. 65+

Page	#	Subject	Format	Level	Topic
67	1	Alg	QC	E	Zero Factor Principle
67	2	Alg	QC	M	Algebraic steps to simplify a QC problem
68	3	Alg	QC	M	Equivalent / opposite expressions, or "plugging in"
68	4	Alg	QC	M	Inverse variation
68	5	Arith / Alg	QC	M	Translating English to math
68	6	Alg	QC	E	Simplifying expressions / QC problems
68	7	Alg	QC	M	"Advantages" QC method
69	8	Alg	MC1	M	System of equations / Substitution or division
69	9	Alg	MC1	M	Proportion / plugging in
69	10	Alg	MC1	H	Rules of exponents
70	11	Alg	MC1	M	Quadratic inequality
70	12	Alg	MC1	H	Writing numbers as expressions
70	13	Alg	MC1	M	Equation with fractions
71	14	Alg	MC1+	M	Graphing a line
71	15	Alg	MC1+	H	Writing numbers as expressions
72	16	Alg	NE	H	Shared work
72	17	Alg	NE	M	Function notation

Chapter 7, pp. 141+

Page	#	Subject	Format	Level	Topic
142	6	Alg	QC	H	Writing numbers as expressions
143	9	Alg	QC	M	System / substitution / quadratic
145	13	Alg	MC1	H	Function notation / powers of negative numbers
145	14	Arith / Alg	MC1	H	Translating / rules of exponents
146	17	Arith / Alg	MC1	M	Exponents / Interest
147	19	Arith / Alg	MC1	M	Sequences, inverse function
148	21	Arith / Alg	NE	H	Translating / Powers of ten / rational equation

Chapter 7, pp. 173+

Page	#	Subject	Format	Level	Topic
174	2	Alg	QC	M	QC / algebraic steps
174	4	Alg	QC	H	Translating / algebraic steps
176	12	Arith / Alg	MC1	M	Properties of exponents
176	13	Alg	MC1	H	Shared work
177	16	Arith / Alg	MC1	M	Combinations of factors
180	20	Alg	NE	M	Factoring

Chapter 7, pp. 199+

Page	#	Subject	Format	Level	Topic
200	4	Alg	QC	H	Function notation
201	6	Alg	QC	M	Slope of a line
203	13	Arith / Alg	MC1	M	Properties of numbers
203	15	Arith / Alg	MC1	M	Counting a sequence, fractions