

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): middle and high school

NCTM STANDARDS MAP
(Algebra I)

Standard Language	Publisher Citations	
ALGEBRA Grades 6-8 and 9-12	Primary Citations	Supporting Citations
Understand patterns, relations, and functions	1.12 to 1.13 1.17 to 1.20 3.56 to 3.57 5.08 to 5.10 5.15 5.23 to 5.24 5.27 to 5.30 5.32 5.36 5.41 5.50 to 5.52 5.55 to 5.56 6.01 to 6.12 6.15 to 6.18 6.22 to 6.30 10.01 to 10.02 11.01 13.48 to 13.50	1.21 to 1.22 1.39 3.58 to 3.59 5.11 to 5.12 5.57 6.13 to 6.14 6.20 to 6.21 6.31 to 6.33 10.85 11.51
Represent and analyze mathematical situations and structures using algebraic symbols	1.01 to 1.03 1.12 to 1.20 1.23 to 1.27 1.30 to 1.35 3.01 to 3.09 3.13 to 3.17 3.21 to 3.22 3.30 to 3.32 3.34 to 3.38	1.10 to 1.11 1.21 to 1.22 1.28 to 1.29 1.36 to 1.39 3.10 to 3.12 3.18 to 3.20 3.23 to 3.25 3.33 3.39

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	3.40 to 3.48 3.51 to 3.54 5.08 to 5.10 5.13 to 5.14 5.16 to 5.18 5.20 5.23 5.27 to 5.38 5.41 5.44 6.04 6.08 6.15 to 6.16 7.01 7.05 to 7.06 7.10 to 7.18 7.22 to 7.29 7.32 to 7.33 7.37 to 7.45 8.01 to 8.10 12.59 12.64	3.49 to 3.50 3.55 3.61 5.11 to 5.12 5.21 to 5.22 5.25 to 5.26 5.39 to 5.40 5.65 6.33 7.03 to 7.04 7.07 to 7.09 7.19 to 7.21 7.30 to 7.31 7.34 to 7.36 7.46 to 7.47 8.08 8.11 to 8.12 8.40 12.67 to 12.69
Use mathematical models to represent and understand quantitative relationships	1.14 1.31 1.33 to 1.35 2.14 to 2.15 2.27 3.31 3.34 to 3.38 3.41 3.45 to 3.47 3.51 3.53 5.14	1.39 2.55 3.61 5.65 6.33

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Standard Language	Publisher Citations	
	5.35 to 5.36 5.50 5.55 6.16 6.18	
Analyze change in various contexts	5.13 to 5.14 5.20 5.36 5.50 to 5.51 5.55 6.09 6.17 to 6.18 13.46 to 13.47	5.65 6.33 13.63