

**Mathematics and Economics Connections for Life: 9-12
Arkansas Math Framework Correlations**

Algebra I

↓ frameworks/lessons →	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LANGUAGE OF ALGEBRA															
Content Standard 1: Students will develop the language of algebra including specialized vocabulary, symbols, and operations.															
LA.1.AL1 Evaluate algebraic expressions, including radicals, by applying the order of operations													X		
LA.1.AL.2 Translate word phrases and sentences into expressions, equations, and inequalities, and vice versa				X									X		
LA.1.AL.5 Perform polynomial operations (addition, subtraction, multiplication) with and without manipulatives													X		
SOLVING EQUATION AND INEQUALITIES															
Content Standard 2: Students will write, with and without appropriate technology equivalent forms of equations, inequalities, and systems of equations and solve with fluency.															
SEI.2.AL.2 Solve systems of two linear equations <ul style="list-style-type: none"> • numerical (from a table or guess and check) • algebraically (including the use of manipulatives) • graphically • technologically 			X												
SEI.2.AL.4 Solve and graph simple absolute value equations and inequalities					X										
SEI.2.AL.5 Solve real world problems that involve a combination of rates, proportions and percents				X									X	X	
LINEAR FUNCTIONS															
Content Standard 3: Students will analyze functions by investigating rates of change, intercepts, and zeros.															

