South Carolina Employability Credential

Essentials of Math 2: Practical Algebra

DATA, PROBABILITY, AND STATISTICAL REASONING	1	Use statistical reasoning to summarize, represent, and interpret data on two categorical and quantitative variables. A1.DPSR.1
	2	Analyze and interpret models for two categorical and quantitative variables. A1.DPSR.2
MEASUREMENT, GEOMETRY, AND SPATIAL REASONING	1	Use geometric concepts and measurement opportunities to model mathematical and real-world situations. A1.MGSR.1
NUMERICAL REASONING	1	Represent all points on the number line as irrational and rational numbers in the real number system. A1.NR.1
	2	Represent exponents and radical expressions in different ways. A1.NR.2
PATTERNS, ALGEBRA, AND FUNCTIONAL REASONING	1	Transform and/or solve equations and expressions in one variable that model real-world and mathematical situations, interpret the solutions, and determine whether they are reasonable. A1.PAFR.1
	2	Create, solve, and transform equations and inequalities in two or more variables to represent relationships between quantities and graph the equations on coordinate axes using appropriate labels, units, and scales. A1.PAFR.2
	3	Represent and interpret functions symbolically and graphically. A1.PAFR.3
	4	Reason with parent functions in varying representations to find families of functions that all have similar distinguishing attributes common to the family and use common characteristics to aid in rewriting and identifying linear, linear absolute value, quadratic, and exponential functions. A1.PAFR.4